Sub mtgrade1message()

sigline = "Sincerely, " + Chr(10) + "Mark A. Palmer" + Chr(10) + "Associate Professor Manufacturing Engineering" + Chr(10) + "Your Instructor for IME 301"

SubLine = "IME 301 Fall 2016 MidTerm Grade Update 1"

celladdress = "b62"

NoStudents = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

For StudentCntr = 29 To 29

 If StudentCntr > 8 Then

 celladdress = "c" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "c" + Right(Str(StudentCntr + 1), 1)

 End If

 studemail = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value + "@kettering.edu"

 If StudentCntr > 8 Then

 celladdress = "a" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "a" + Right(Str(StudentCntr + 1), 1)

 End If

 studfname = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "b" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "b" + Right(Str(StudentCntr + 1), 1)

 End If

 studlname = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 studfullname = studfname + " " + studlname

 NewFilenameStart$ = studfullname + " "

 memline1 = "To: " + studfullname

 memline2 = "From: Mark A. Palmer"

 memline3 = "November 3, 2016"

 salutation = "Dear " + studfname + ":"

 If StudentCntr > 8 Then

 celladdress = "av" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "av" + Right(Str(StudentCntr + 1), 1)

 End If

 midtermgrade1 = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 openline = "I wanted to let you know that your first midterm grade is " + midtermgrade1 + ". This is based on the first 3 tests and the first 3 HW's, and represents 25.5% of your course grade. (Note excuses are not accounted for in this estimate)"

 If StudentCntr > 8 Then

 celladdress = "e" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "e" + Right(Str(StudentCntr + 1), 1)

 End If

 HW1Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "f" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "f" + Right(Str(StudentCntr + 1), 1)

 End If

 If HW1Gr = "" Then

 HW1GrTxt = "Skipped"

 Else

 HW1GrTxt = Str(HW1Gr)

 End If

 HW2Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "g" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "g" + Right(Str(StudentCntr + 1), 1)

 End If

 If HW2Gr = "" Then

 HW2GrTxt = "Skipped"

 Else

 HW2GrTxt = Str(HW2Gr)

 End If

 HW3Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "m" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "m" + Right(Str(StudentCntr + 1), 1)

 End If

 If HW3Gr = "" Then

 HW3GrTxt = "Skipped"

 Else

 HW3GrTxt = Str(HW3Gr)

 End If

 Test1Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If Test1Gr = "" Then

 Test1GrTxt = "Skipped"

 Else

 Test1GrTxt = Str(Test1Gr)

 End If

 If StudentCntr > 8 Then

 celladdress = "n" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "n" + Right(Str(StudentCntr + 1), 1)

 End If

 Test2Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If Test2Gr = "" Then

 Test2GrTxt = "Skipped"

 Else

 Test2GrTxt = Str(Test2Gr)

 End If

 If StudentCntr > 8 Then

 celladdress = "o" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "o" + Right(Str(StudentCntr + 1), 1)

 End If

 Test3Gr = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If Test3Gr = "" Then

 Test3GrTxt = "Skipped"

 Else

 Test3GrTxt = Str(Test3Gr)

 End If

 If StudentCntr > 8 Then

 celladdress = "aw" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "aw" + Right(Str(StudentCntr + 1), 1)

 End If

 NoHWAcc = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "ax" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "ax" + Right(Str(StudentCntr + 1), 1)

 End If

 NoHWBAcc = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "ay" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "ay" + Right(Str(StudentCntr + 1), 1)

 End If

 NoHWUnacc = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "az" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "az" + Right(Str(StudentCntr + 1), 1)

 End If

 NoHWSkipped = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 NoHWTurnedIn = 3 - NoHWSkipped

 If NoHWTurnedIn = 3 Then

 hwlinept1 = "You have turned in all of the homework assignments"

 Else

 hwlinept1 = "You have only turned in " + Str(NoHWTurnedIn) + " of the 3 HW assignments"

 End If

 hwgradeline = "Your HW Grades are HW1: " + HW1GrTxt + ", HW2: " + HW2GrTxt + ", HW3: " + HW3GrTxt

 testgradeline = "Your Test Grades are Test 1: " + Test1GrTxt + ", Test 2: " + Test2GrTxt + ", Test 3: " + Test3GrTxt

 If NoHWAcc = 0 Then

 hwinterplacc = ""

 Else

 hwinterplacc = Str(NoHWAcc) + " were acceptable, "

 End If

 If NoHWBAcc = 0 Then

 hwinterplbacc = ""

 Else

 hwinterplbacc = Str(NoHWBAcc) + " were barely acceptable, "

 End If

 If NoHWUnacc = 0 Then

 hwinterplunacc = ""

 Else

 hwinterplunacc = Str(NoHWUnacc) + " were unaccceptable, "

 End If

 If StudentCntr > 8 Then

 celladdress = "ba" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "ba" + Right(Str(StudentCntr + 1), 1)

 End If

 HWStatus = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

Select Case HWStatus

 Case "Very Serious"

 hwinterpstatus = "This represents a very serious situation as students who are do not successfully complete the HW are not likely to be successful in the course."

 Case "Serious"

 hwinterpstatus = "This is a serious situation. Students who do not successfully complete HW assignments are unlikely to be successful in the course."

 Case "Troublesome"

 hwinterpstatus = "This is a troublesome situation. You need to consistently turn in acceptable HW assignments to fully succeed in this course."

 Case "OK"

 hwinterpstatus = "You have done well on some HW's and had difficulty with others. Please let me know what I can do to make sure you can consistently turn in acceptable HW so that you will maximize the likelihood of doing well in this course."

 Case "Outstanding"

 hwinterpstatus = "Thank you for all your hard work, keep it up. Turning in the HW as you have been doing is key to succeeding in this course. If I can help at all let me know."

End Select

hwinterpline = hwlinept1 + " " + hwinterplacc + " " + hwinterplbacc + " " + hwinterplunacc + ". "

hwparagraph = hwgradeline + " " + hwinterpline + " " + hwinterpstatus

 If StudentCntr > 8 Then

 celladdress = "bb" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bb" + Right(Str(StudentCntr + 1), 1)

 End If

 ATests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "bc" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bc" + Right(Str(StudentCntr + 1), 1)

 End If

 BTests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "bd" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bd" + Right(Str(StudentCntr + 1), 1)

 End If

 CTests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "be" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "be" + Right(Str(StudentCntr + 1), 1)

 End If

 DTests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "bf" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bf" + Right(Str(StudentCntr + 1), 1)

 End If

 FTests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "bg" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bg" + Right(Str(StudentCntr + 1), 1)

 End If

 MFTests = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 If StudentCntr > 8 Then

 celladdress = "bh" + Right(Str(StudentCntr + 1), 2)

 Else

 celladdress = "bh" + Right(Str(StudentCntr + 1), 1)

 End If

 TestStatus = ActiveWorkbook.Sheets("Base Sheet").Range(celladdress).Value

 TestsPassed = ATests + BTests + CTests + DTests

 TestsFailed = FTests

 If TestsFailed = 0 Then

 tfpart = ""

 Else

 If MFTests = 0 Then

 mfpart = ". "

 Else

 mfpart = Str(MFTests) + " of these miserably. "

 End If

 tfpart = "You have failed " + Str(TestsFailed) + mfpart

 End If

 If TestsPassed = 0 Then

 tppart = ""

 Else

 If ATests = 0 Then

 tapart = " "

 Else

 tapart = Str(ATests) + " were A's, "

 End If

 If BTests = 0 Then

 tbpart = " "

 Else

 tbpart = Str(BTests) + " were B's, "

 End If

 If CTests = 0 Then

 tcpart = " "

 Else

 tcpart = Str(CTests) + " were C's, "

 End If

 If DTests = 0 Then

 tdpart = " "

 Else

 tdpart = Str(DTests) + " were D's, "

 End If

 tppart = "You have passed " + Str(TestsPassed) + tapart + tbpart + tcpart + tdpart

 End If

 testinterpline = tppart + ". " + tfpart + ". "

Select Case TestStatus

 Case "Great Performance"

 testinterpstatus = "This means you are demonstrating great performance on the tests. "

 Case "OK"

 testinterpstatus = "This means your performance is OK but you may not be reaching your full potential"

 Case "Troublesome"

 testinterpstatus = "I am somewhat troubled by your performance, you have performed poorly on at least one test. "

 Case "Serious"

 testinterpstatus = "This is a serious situation, you are in danger of not successfully completing this course. "

 Case "Very Serious"

 testinterpstatus = "This is a very serious situation, you in danger of failing the course."

 Case "Critically Serious" = "This means that the situation can be considered critical and immediate intervention is needed if you are to pass the course. "

End Select

testparagraph = testgradeline + " " + testinterpline + " " + testinterpstatus

finterpline1 = "You are doing great work, your time and effort is paying off."

finterpline2 = "You are showing great performance on the tests, however your HW grades are troublesome. "

finterpline3 = "You have done very well on the tests without doing well on the HW."

finterpline4 = "You have completed a set of very good homework assignments. Your test scores are OK."

finterpline5 = "Your test scores and HW scores are consistent. "

finterpline6 = "Your test scores are OK, but your HW scores are low. You may be treading a very fine line."

finterpline7 = "Your test scores are OK, but the lack of acceptable HW submission alarms me. There could be real drop in your grade, especially on the final exam."

finterpline8 = "Your performance on tests is lower than what would normally be expected based on your HW scores. This usually indicates that you are not properly preparing for tests."

finterpline9 = "Your performance on the tests and HW are consistent, which in this case is not good. This should be evidence that HW performance strongly correlates with test performance."

finterpline10 = "You are on a very dangerous line. If your HW performance does not improve it is likely that your test scores will decline. You cannot afford that."

finterpline11 = "Your test scores are low and you have not been turning in acceptable HW assignments. I really feel the only way to turn this around is for you to start doing the HW."

finterpline12 = "There is a very large disconnect between your outstanding performance on HW and your test grades. We need to work together so that you can better prepare for tests."

factionline1 = "Keep up the excellent work and let me know if I can help you in any way. Thanks."

factionline2 = "I want to caution you against thinking the HW is not necessary. Please do not get overconfident and think that the HW is unnecessary. See me if you have any questions."

factionline3 = "Please do not jeopardize an excellent start by not completing acceptable HW assignments. If you have any questions, please see me."

factionline4 = "Keep up the good work on the HW and please see me so I can help you better prepare for the tests."

factionline5 = "I think that if you put a little more effort into the HW, your test scores would also improve. Please see me if I can help."

factionline6 = "I strongly urge you to contact me about successfully completing the HW assignments."

factionline7 = "Please see me soon. You have shown the commitment to hard work. I think I could help you improve your study practices, so that you will do better."

factionline8 = "Please contact me soon so that we can work together to ensure you successfully complete the remainder of the HW's and improve your chances of succeeding in the course."

factionline9 = "Please contact me immediately so that we can work together to ensure you successfully complete the remainder of the HW's and improve your chances of succeeding in the course."

factionline10 = "Please contact me immediately. You have shown the commitment to hard work. I think I could help you improve your study practices, so that you will do better."

Select Case TestStatus

 Case "Great Performance"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline1

 factionline = factionline1

 Case "OK"

 finterpline = finterpline1

 factionline = factionline1

 Case "Troublesome"

 finterpline = finterpline2

 factionline = factionline2

 Case "Serious"

 finterpline = finterpline3

 factionline = factionline3

 Case "Very Serious"

 finterpline = finterpline3

 factionline = factionline3

 End Select

 Case "OK"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline4

 factionline = factionline4

 Case "OK"

 finterpline = finterpline5

 factionline = factionline5

 Case "Troublesome"

 finterpline = finterpline6

 factionline = factionline5

 Case "Serious"

 finterpline = finterpline7

 factionline = factionline7

 Case "Very Serious"

 finterpline = finterpline7

 factionline = factionline7

 End Select

 Case "Troublesome"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline8

 factionline = factionline7

 Case "OK"

 finterpline = finterpline8

 factionline = factionline7

 Case "Troublesome"

 finterpline = finterpline9

 factionline = factionline9

 Case "Serious"

 finterpline = finterpline10

 factionline = factionline10

 Case "Very Serious"

 finterpline = finterpline10

 factionline = factionline10

 End Select

 Case "Serious"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline8

 factionline = factionline7

 Case "OK"

 finterpline = finterpline8

 factionline = factionline7

 Case "Troublesome"

 finterpline = finterpline11

 factionline = factionline9

 Case "Serious"

 finterpline = finterpline11

 factionline = factionline9

 Case "Very Serious"

 finterpline = finterpline11

 factionline = factionline9

 End Select

 Case "Very Serious"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline12

 factionline = factionline10

 Case "OK"

 finterpline = finterpline12

 factionline = factionline10

 Case "Troublesome"

 finterpline = finterpline11

 factionline = factionline10

 Case "Serious"

 finterpline = finterpline11

 factionline = factionline9

 Case "Very Serious"

 finterpline = finterpline11

 factionline = factionline9

 End Select

 Case "Critically Serious"

 Select Case HWStatus

 Case "Outstanding"

 finterpline = finterpline12

 factionline = factionline10

 Case "OK"

 finterpline = finterpline12

 factionline = factionline10

 Case "Troublesome"

 finterpline = finterpline11

 factionline = factionline9

 Case "Serious"

 finterpline = finterpline11

 factionline = factionline9

 Case "Very Serious"

 finterpline = finterpline11

 factionline = factionline9

 End Select

End Select

finalparagraph = finterpline + " " + factionline

emailmessage = salutation + Chr(10) + openline + Chr(10) + hwparagraph + Chr(10) + testparagraph + Chr(10) + finalparagraph + Chr(10) + Chr(10) + sigline

 memline4 = SubLine

 memparagraph = memline1 + Chr(10) + memline2 + Chr(10) + memline3 + Chr(10) + memline4 + Chr(10) + "------------------------" + Chr(10) + Chr(10)

 fmessage = memparagraph + emailmessage

 MsgBox (fmessage)

 Set app = CreateObject("Outlook.Application")

 Set itm = app.createitem(0)

 With itm

 .Subject = SubLine

 .To = studemail

 .body = fmessage

 .display

 .send

 End With

 Set app = Nothing

 Set itm = Nothing

 texttomsbox = "Message Sent to: " + studemail

 MsgBox ("Performance Update Written")

Next StudentCntr

End Sub