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