Question 1

A\_counter=0

B\_counter=0

C\_counter=0

D\_counter=0

Mark=0

While mark > 0

Ask user for mark

If mark >= 84

increment D\_counter

else if

mark >=75 and mark <=74

increment B\_counter

else if

mark >=60 and mark <=75

increment C\_counter

else if

mark < 60

increment A\_counter

end if

end while

Print "excellent", D\_counter

Print "very good", B\_counter

Print "average", C\_counter

Print "failed", A\_counter

if D\_counter > A\_counter, B\_counter, C\_counter

print "most are excellent"

else if B\_counter > D\_counter, A\_counter, C\_counter

print "most are very good"

else if C\_counter > D\_counter, B\_counter, A\_counter

print "most are average"

else if A\_counter > D\_counter , B\_counter, C\_counter

print "most are failed"

end if

Question 2

Set year to 2022

Set male\_std to 4555

Set female\_std to 6258

Set male\_grow to 0.036

Set female\_grow to 0.025

Initialize f, m ,F,M

While f is greater than m

Multiply male\_std by male\_grow and save as m

Sum m + male\_grow and save as M

Multiply female\_std by female\_grow and save as f

Sum f + female\_std and save as F

Increment year by 1

If M is greater than F

Print year

End if

End while