Question1

a) Write a program that reads in 2 numbers and then displays the largest number. You may assume that the 2 numbers will always be different.

Question2

a) Write a program that request a number from the user and checks if that number is modulus 2.Use the modulus (%) operator.
   //Print appropriate messages (e.g. 5 is not a multiple of 2 or 4 is a multiple of 2)

b) Write a program t that request two integers from the user and checks if the first integer is a multiple of the second integer and print out the results as follows.

   e.g First integer 2 and second integer 5
   5 is not a multiple of 2
   2 into 5 is 2 and the remainder is 1.

   Or
   e.g First integer 2 and second integer 4

    4 is a multiple of 2
   2 into 4 is 2 and the remainder is 0.

Question3

People who earn less the R2000.00 do not pay tax. Write a program that reads in a person's salary. If he earns more than R2000.00, the program must request the percentage tax the person pays. The program must then finally display one of the following messages (as an example):

For a person who earns R1500.00
You do not pay tax, and your final payout is R1500.00

For a person who earns R4000.00 and whose tax is 10%

You pay R400.00 tax, and your final payout is R3600.00

Challenge

A person qualifies for a subsidy if he is older than 50 **and** earns a monthly salary less than R2000.00. The subsidy is calculated as 15% of the monthly salary.

Write a program that reads in a person's age and salary and then displays one of the following messages:

Your salary is R1500.00 and you receive a subsidy of R225.00

Your salary is R2500 and you do not receive a subsidy