Practice Questions

Assignment\_2

Q:1) A company decided to give bonus of 5% to employee if his/her year of service is more than 5 years. Ask user for their salary and year of service and print the net bonus amount.

Q:2) Take values of length and breadth of a rectangle from user and check if it is square or not.

Q:3) Take two int values from user and print greatest among them.

Q:4) A school has following rules for grading system:  
a. Below 25 - F  
b. 25 to 45 - E  
c. 45 to 50 - D  
d. 50 to 60 - C  
e. 60 to 80 - B  
f. Above 80 - A  
Ask user to enter marks and print the corresponding grade.

Q:5) Take input of age of 3 people by user and determine oldest and youngest among them.

Q:6) Write a program to print absolute vlaue of a number entered by user. E.g.-  
INPUT: 1        OUTPUT: 1  
INPUT: -1        OUTPUT: 1

Q:7)

A student will not be allowed to sit in exam if his/her attendence is less than 75%.

Take following input from user

Number of classes held

Number of classes attended.

And print

percentage of class attended

Is student is allowed to sit in exam or not.

Q:8) Modify the above question to allow student to sit if he/she has medical cause. Ask user if he/she has medical cause or not ( 'Y' or 'N' ) and print accordingly.

Q:9)   
A 4 digit number is entered through keyboard. Write a program to print a new number with digits reversed as of orignal one. E.g.-  
INPUT : 1234        OUTPUT : 4321  
INPUT : 5982        OUTPUT : 2895

Q:10) Ask user to enter age, sex ( M or F ), marital status ( Y or N ) and then using following rules print their place of service.  
if employee is female and age is in between 20 to 40

, then she will work only in urban areas.  
  
if employee is a male and age is in between 20 to 40 then he may work in anywhere  
  
if employee is male and age is in between 40 t0 60 then he will work in urban areas only.  
  
And any other input of age should print "ERROR".