Assignment (BCAC493)

(Basics, for loop, if-else)

1. Write a program to read the age of 10 persons and count the number of persons in the age group 50 to 60.

   Sample Output
   Please enter 10 Persons age….
   1 Person age: 20
   2 Person age: 30
   3 Person age: 10
   4 Person age: 40
   5 Person age: 50
   6 Person age: 51
   7 Person age: 59
   8st Person age: 56
   9st Person age: 54
   10t Person age: 40
   Number of persons in the age group 50 to 60 is 5.

2. Write a program using while loop to reverse the digits of the numbers. For example the number
   12345
   Should be written as
   54321
   (Hints: Use modules operator to extract the last digits and the integer division by 10to get the n-1 digit number from the n digits number.)

3. Write a program to compute and display the sum of all integers that are divisible by 6 but not divisible by 4 and lie between 0 and 100. The program should also count and display the number of such values.

4. A Cloth Showroom has announced the following seasonal discount on purchase of items.

Purchase Amount	Discount	
	Mill Cloth	Handloom Items
0-100	0%	5%
101-200	5%	7.5%
201-300	7.5%	10.0%
Above 300	10.0%	15.0%

   Write a program to computes the net amount to be paid by a customer.

5. The price of one kg of rice is Rs. 16.75 and one kg of sugar is Rs.15. Write a program to get these values from the user and display the price as follows.

LIST OF ITEMS

Item   Price

Rice   Rs.16.75

Sugar   Rs.15.00