ASSIGNMENT 3

WHILE LOOP

Q1)Print SFS 5 times.

Q2)Calculate the factorial of a given number.

Q3)WAP to calculate and print the sums of even and odd integers of the first n natural numbers.

Q3.5) WAP to input integers till user wants.Print the sum of even nos. and sum of odd nos.

Q4)Input any two numbers. Calculate ‘a’ to the power’ b ‘without using a\*\*b.

Q5)Input any integer, print its individual digits.

Q6)Print the sum of digits of a given integer.

Q7)Check if the given number is an armstrong number.ex-153,407

Q8)Check if the given number is a palindrome number.

Q9)Check if the given number is a perfect number.ex-6,28

Q10) Input some numbers till the user wants. Total them and print the total.

Q11) WAP to input any no to check if it is a prime no.

Q12) WAP asking the user to guess a no from a given range. Do not allow more than 3 chances.

Q13)Write a menu- driven program to-

1)Calculate sum

2)Calculate product

3)Calculate difference

4)Calculate division

5)Exit

Q14)Print prime numbers in range(2,100).

Q15)Write a menu driven program to-

1)Check if the given number is Armstrong number.

2)Check if the given number is Palindrome number.

3)Check if the given number is a Perfect number.

(eg:- 28=1+2+4+7+14)sum of proper divisors.

4)Check if the given number is a Special number.ex-145=1!+4!+5!

5) Check if the given number is a Prime number