Simple while Loop Assignment

Solve All the Programs Using the While Loop.
Total: 10 Questions

Program 1: Write a program to print a table of 2

Output: 2 4 6 8 10 12 14 16 18 20

Program 2: Write a program to calculate the factorial of the given number.

Input: 6

Output: factorial 6 is 720

Program 3: Write a program to count the digits of the given number.

Input: 942111423

Output: count of digits = 9

Program 4: Write a program to count the Odd digits of the given number.

Input: 942111423

Output: count of odd digits = 5

Program 5: Write a program to print the square of even digits of the given number.

Input: 942111423

Output: 4   16   4   16

Program 6: Write a program to print the sum of all even numbers and the multiplication of odd numbers between 1 to 10.

Output: sum of even numbers between 1 to 10 = 30

Multiplication of odd numbers between 1 to 10 = 945

Program 7: Write a program that takes a number, if the number is even print that number in reverse order, or if the number is odd print that number in reverse order by difference two.

Input:6
output:6 5 4 3 2 1

Input:7
output:7 5 3 1.

Program 8: Write a program to print the countdown of days to submit the assignment

Input : day = 7

Output: 7 days remaining
        6 days remaining
        5 days remaining
        .
        .
        1 day remaining
         0 days Assignment is Overdue

Program 9: Write a program to reverse the given number.

Input: 942111423

Output: 324111249

Program 10: Write a program to check whether the number is a Palindrome number or not. (2332)

Output: 2332 is a palindrome number