

# Simple while Loop Assignment

**Solve All the Programs Using the While Loop.**

**Total: 10 Questions**

**Dry Run Compulsory**

**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 print a table of 5 in reverse order**

**Output:** 50 45 40 35 30 25 20 15 10 5

**Program 3: Write a program to print all single digit numbers in reverse order**

**Output:** 9 8 7 6 5 4 3 2 1 0

**Program 4: Write a program to print even numbers 50 to 30**

**Output:** 50 48 46 44 42 40 38 36 34 32 30

**Program 5: Write a program to print the square of even digits between 40 to 50**

**Output:** 1600 1764 1936 2116 2304 2500

**Program 6: Write a program to print the square of odd digits between 20 to 10**

**Output:** 361 289 225 169 121

**Program 7: Write a program to print the square of odd digits and cube of even digits between 40 to 50**

**Output:** 64000 1681 74088 1849 85184 2025 97336 2209 110592  
2401 125000

**Program 8: Write a program to print the product of odd digits between 10 to 1**

**Output:** 945

**Program 9: Write a program to print the countdown of days to submit the assignment**

Take numDays = 7

Output:

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

**Program 10: Write a program to calculate the factorial of the given number.**

num = 6;

**Output:** factorial 6 is 720