# # Simple and Conditional Statements

1. W.A.P. to find the Area of a Square. -**Done**
2. W.A.P. to swap two numbers without using a third variable.-**Done**
3. W.A.P. to make the sum of all digits of a Four digit number.-**Done**
4. W.A.P. to find the Largest Among Four Numbers.-**Done**
5. W.A.P. to print a number Table like as:-**Done**

*2X1 = 2*

*2X2 = 4*

*2X3 = 6*

*2X4 = 8*

*2X5 = 10*

*2X6 = 12*

*2X7 = 14*

*2X8 = 16*

*2X9 = 18*

*2X10 = 20*

# # Loops

1. W.A.P. to Check Prime Number-**Done**

*Eg. 1,3,5,7,11 etc.*

1. W.A.P. to Check Armstrong Number. -**Done**

*Eg. 153 = 1\*1\*1 + 5\*5\*5 + 3\*3\*3 // 153 is an Armstrong number.*

1. W.A.P. to find the highest common factor (H.C.F) or greatest common divisor (G.C.D)

*Eg. 5 is H.C.F. for 10*

1. W.A.P. to find the least common multiple (L.C.M.)

*Eg. 2 is L.C.M for 10*

1. W.A.P. to make a Calculator for Add, Subtract, Multiply & Divide between two numbers.

*Eg. Calculator Screen to Start*

*\*\*\*\*\*\*\* Calculator \*\*\*\*\*\*\*\*\*\*\**

1. *Add*
2. *Subtract*
3. *Multiply*
4. *Divide*

*Choose one of the options to start: 1*

# # Patterns

W.P. to print the following patterns:

|  |
| --- |
|  |

# String

1.  WAP in C# Sharp to print individual characters of the string in reverse order.

Input: dotnettricks.com

Output: d o t n e t t r i c k s . c o m

2. WAP in C# Sharp to count a total number of alphabets, digits and special characters in a string.

Input: C#Programming123

Output: Alphabet=12 , Special Char=1, digits=3

3. WAP in C# to check whether a given substring is present in the given string

Input: I Love the Money Heist series on Netflix  
Input the substring to search : Money

Output= true

4. Write a C# program to compare two substrings.

5. WAP in C# Sharp to find the number of times a substring appears in a given string.

6. Write a program in C# Sharp to check the username and password.

User Name= Pankaj

Password= Tripathi

7. Write a program in C# Sharp to read n number of values in an array and display it in reverse order

Input the number of elements :3  
Enter numbers of the array :  
3

7

8

Output:  
Original:  
3 7 8  
Reverse:  
8 7 3

8. WAP in C# Sharp to insert New value in the array

9.WAP to add an extension method to a string which provide the string in reverse order