**Practicle No 4 :**

**Input**

// Reverse a string

Console.Write("Enter a string: ");

string input = Console.ReadLine();

string reversed = " ";

for(int i = input.Length - 1; i >= 0; i--)

{

reversed += input[i];

}

Console.WriteLine("Reversed string: " + reversed);

// Check Armstrong number

Console.Write("\nEnter a number: ");

int number = int.Parse(Console.ReadLine());

int sum = 0, temp = number;

int digits = number.ToString().Length;

while (temp > 0)

{

int digit = temp % 10;

int power = 1;

for(int i = 0; i < digits; i++)

{

power \*= digit; //power = power \* digit

}

sum += power; //sum=sum + power

temp /= 10;

}

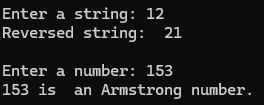
if (sum == number)

Console.WriteLine(number + " is an Armstrong number.");

else

Console.WriteLine(number + " is not an Armstrong number. ");

**Output:**

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