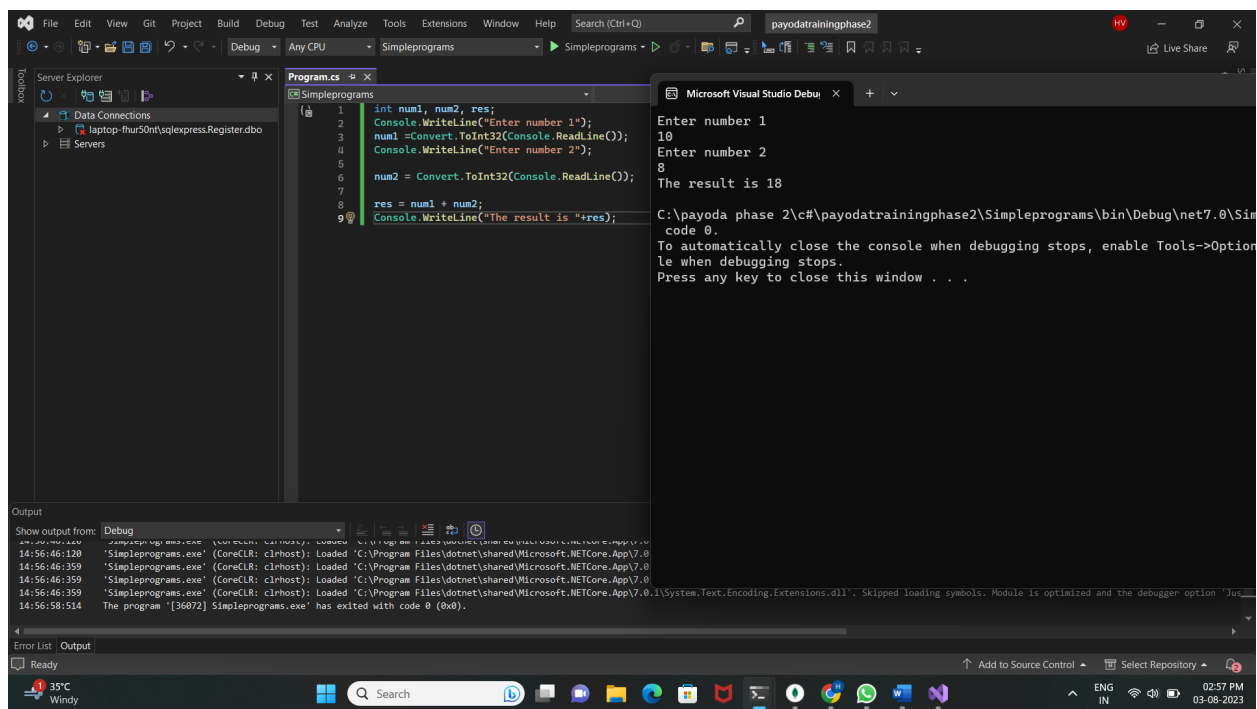


Payoda-Phase2 - Day04

c#

- In c# We have created a few programs like **addition of two numbers**.



double num1, num2;

int res;

Console.WriteLine("Enter number 1");

num1 = Convert.ToDouble(Console.ReadLine());

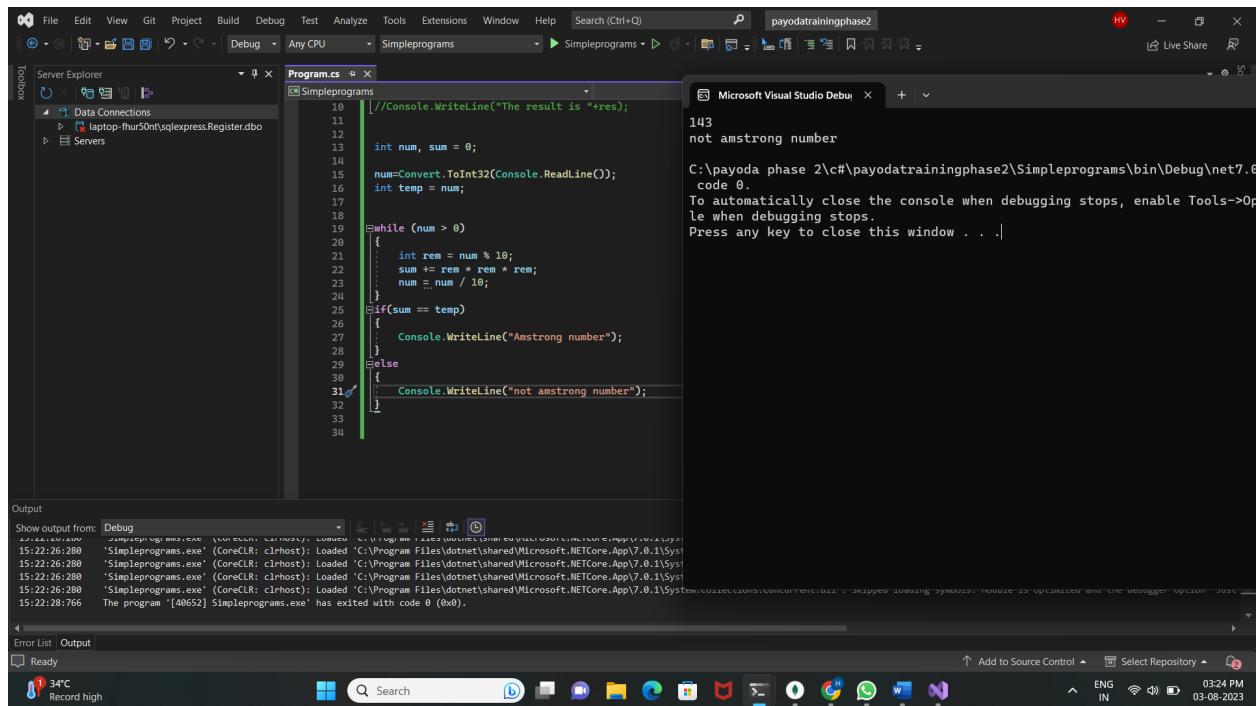
```
Console.WriteLine("Enter number 2");
```

```
num2 = Convert.ToDouble(Console.ReadLine());
```

```
res = (int)(num1 + num2);
```

```
Console.WriteLine("The result is " + res);
```

- We have created a program for the **Amstrong number**.



```
int num, sum = 0;
```

```
num = Convert.ToInt32(Console.ReadLine());

int temp = num;

while (num > 0)
{
    int rem = num % 10;

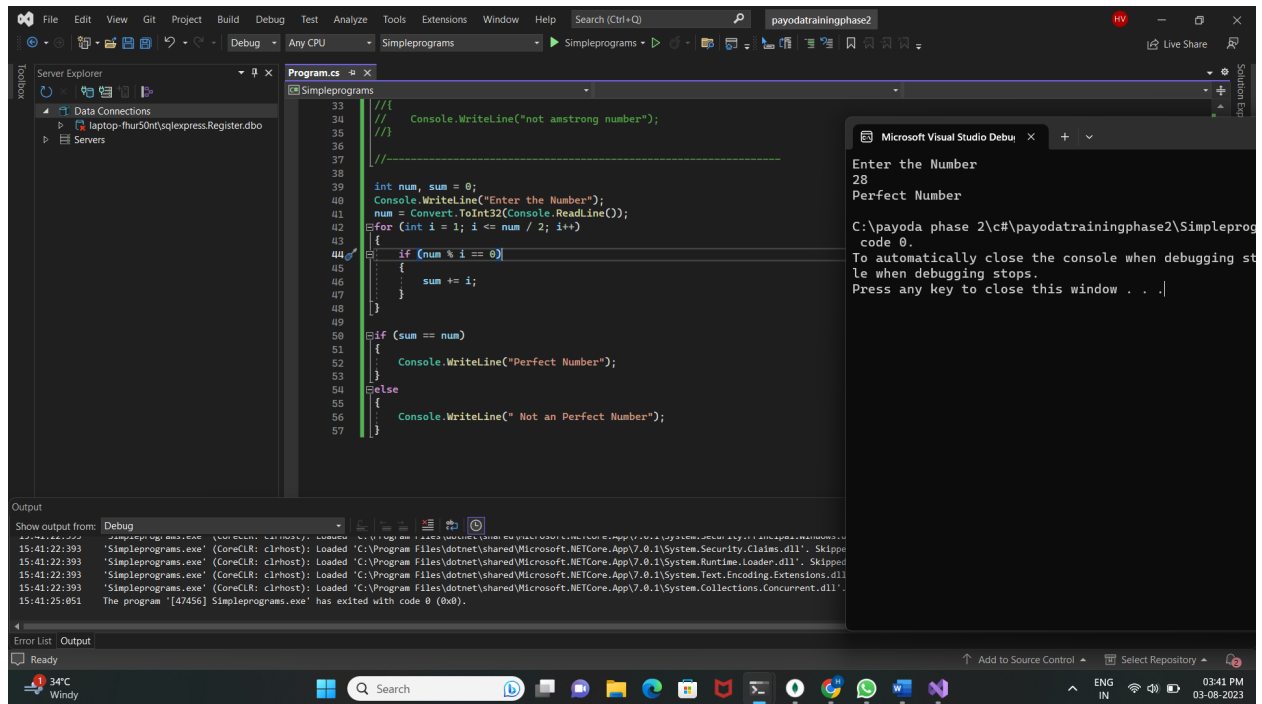
    sum += rem * rem * rem;

    num = num / 10;
}

if (sum == temp)
{
    Console.WriteLine("Amstrong number");
}

else
{
    Console.WriteLine("not Amstrong number");
}
```

- We have created a program for the **Perfect number**.



```
int num, sum = 0;
```

```
Console.WriteLine("Enter the Number");
```

```
num = Convert.ToInt32(Console.ReadLine());
```

```
for (int i = 1; i <= num / 2; i++)
```

```
{
```

```
    if (num % i == 0)
```

```
    {
```

```
        sum += i;
```

```
    }
```

```
}
```

```
if (sum == num)
```

```
{
```

```

        Console.WriteLine("Perfect Number");
    }

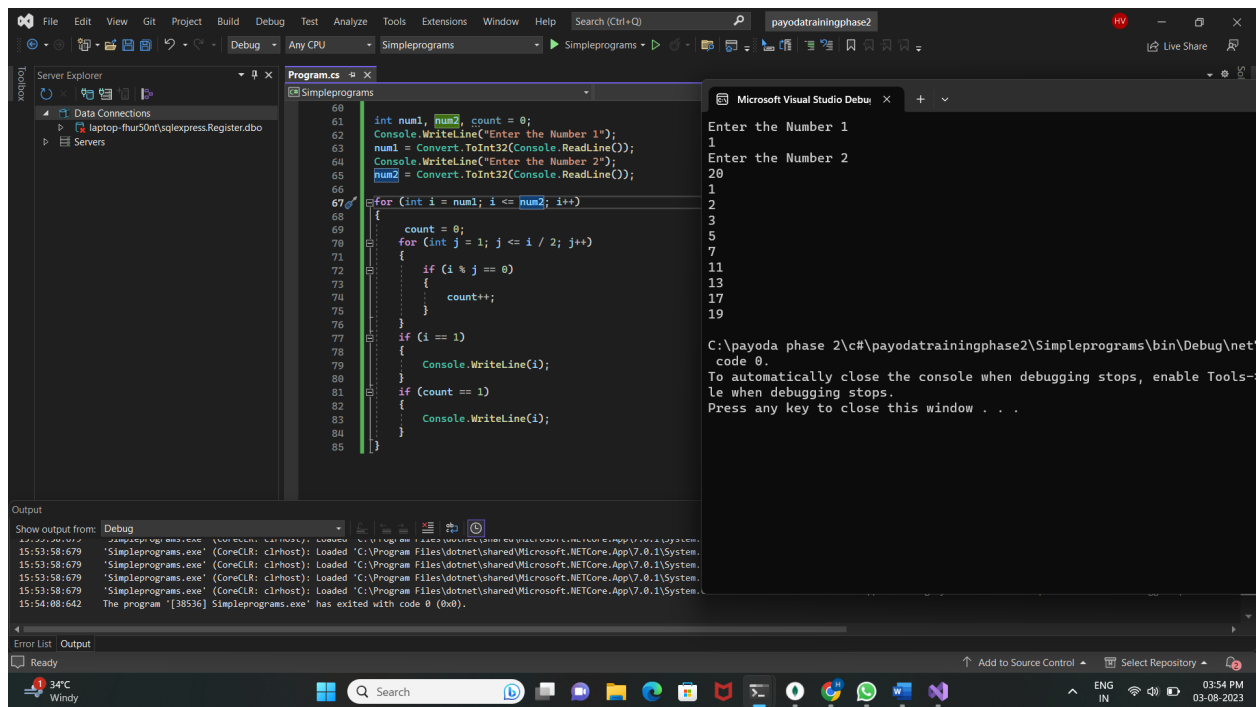
    else

    {

        Console.WriteLine(" Not an Perfect Number");
    }
}

```

- We have created a program to find the **Prime number between two numbers** .



```

int num1, num2, count = 0;

Console.WriteLine("Enter the Number 1");

num1 = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Enter the Number 2");

```

```
num2 = Convert.ToInt32(Console.ReadLine());
```

```
for (int i = num1; i <= num2; i++)
```

```
{
```

```
    count = 0;
```

```
    for (int j = 1; j <= i / 2; j++)
```

```
    {
```

```
        if (i % j == 0)
```

```
        {
```

```
            count++;
```

```
        }
```

```
    }
```

```
    if (i == 1)
```

```
    {
```

```
        Console.WriteLine(i);
```

```
    }
```

```
    if (count == 1)
```

```
    {
```

```
        Console.WriteLine(i);
```

```
    }
```

```
}
```