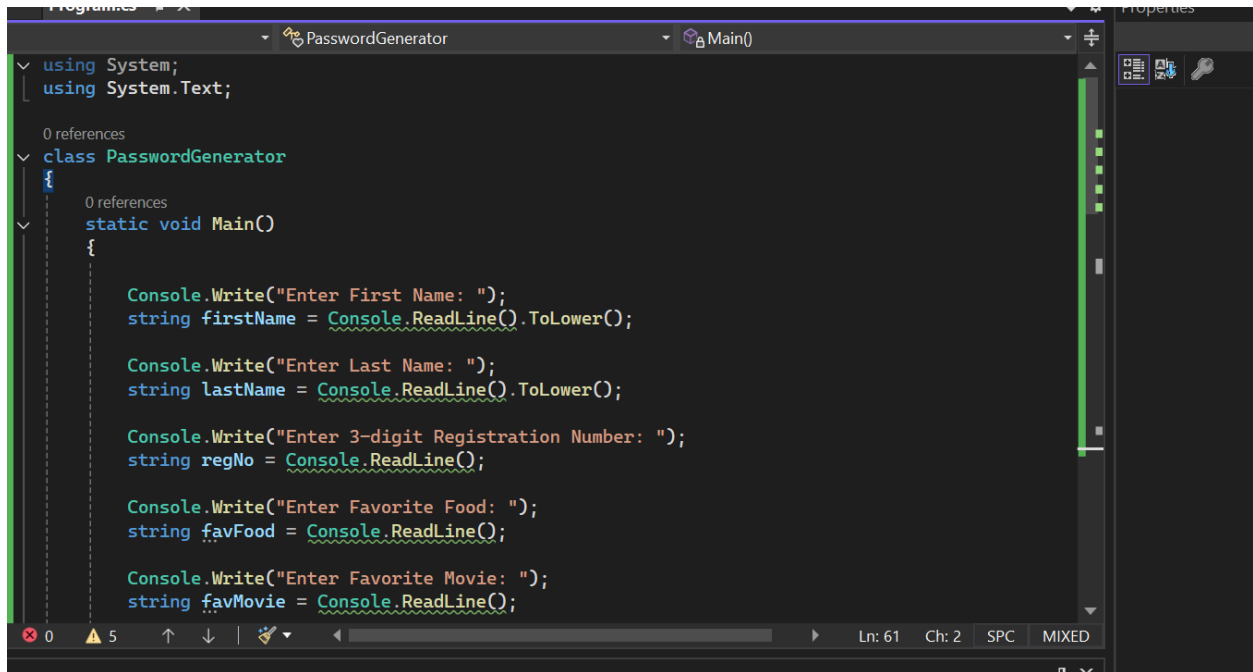


## TASK 2:



```
using System;
using System.Text;

0 references
class PasswordGenerator
{
    0 references
    static void Main()
    {
        Console.Write("Enter First Name: ");
        string firstName = Console.ReadLine().ToLower();

        Console.Write("Enter Last Name: ");
        string lastName = Console.ReadLine().ToLower();

        Console.Write("Enter 3-digit Registration Number: ");
        string regNo = Console.ReadLine();

        Console.Write("Enter Favorite Food: ");
        string favFood = Console.ReadLine();

        Console.Write("Enter Favorite Movie: ");
        string favMovie = Console.ReadLine();
    }
}
```



```
string lowerChars = firstName + lastName;
string upperChars = lowerChars.ToUpper();
string specialChars = "!@#$%^&*()_+";
string digits = "0123456789";

Random random = new Random();
StringBuilder password = new StringBuilder();

password.Append(regNo);

password.Append(upperChars[random.Next(upperChars.Length)]);

password.Append(specialChars[random.Next(specialChars.Length)]);
password.Append(specialChars[random.Next(specialChars.Length)]);

for (int i = 0; i < 4; i++)
{
    password.Append(lowerChars[random.Next(lowerChars.Length)]);
}
```

## OUTPUT:



Microsoft Visual Studio Debug



Enter First Name: fajar

Enter Last Name: amir

Enter 3-digit Registration Number: 031

Enter Favorite Food: chinese

Enter Favorite Movie: no one

Generated Password: 031F^\*jrfr#m

C:\Users\HP\source\repos\TASK2\TASK2\bin\Debug\net8.0\TASK2.exe (process)

To automatically close the console when debugging stops, enable Tools > Window > Console when debugging stops.

Press any key to close this window . . .