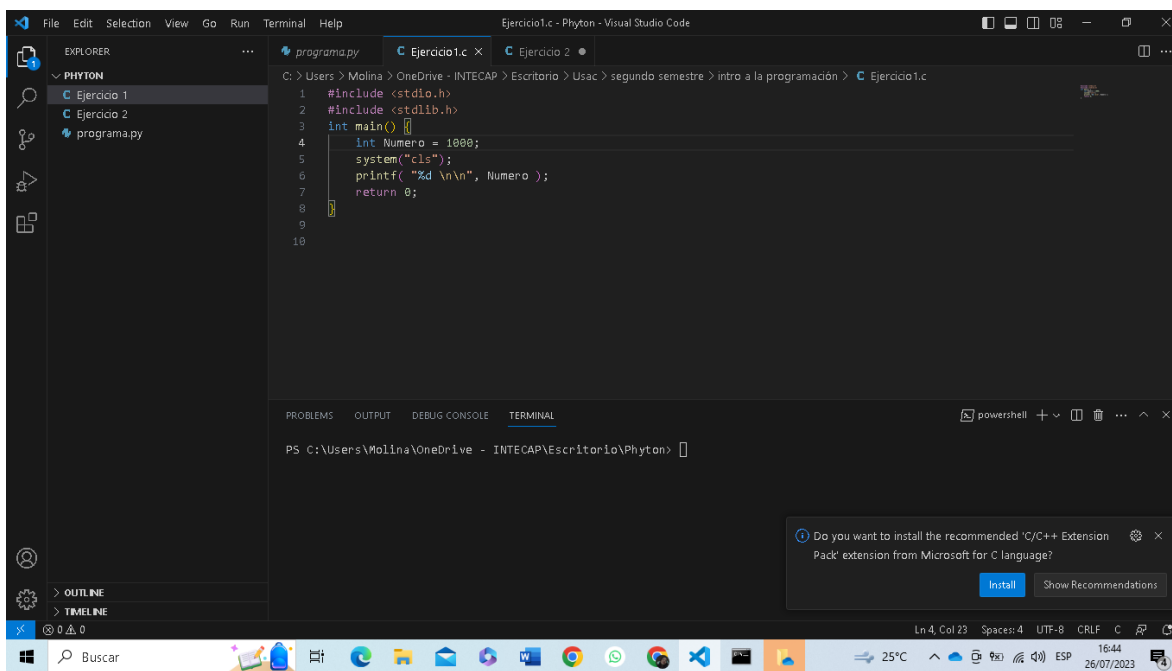


Ejercicio 1

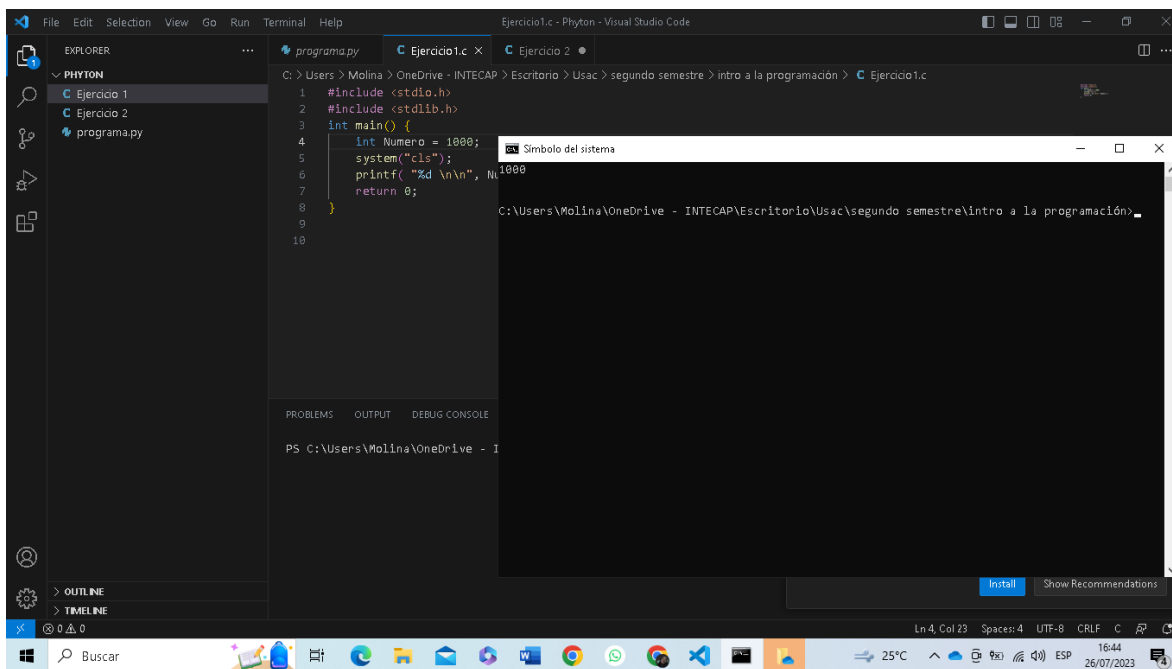


The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a project named 'PHYTON' containing 'Ejercicio 1', 'Ejercicio 2', and 'programa.py'. The main editor window shows the code for 'Ejercicio1.c'.

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 int main() {
4     int Numero = 1000;
5     system("cls");
6     printf("%d \n\n", Numero);
7     return 0;
8 }
9
10
```

The terminal at the bottom shows the command prompt with the path 'PS C:\Users\Molina\OneDrive - INTECAP\Escritorio\Phyton>'.

A notification at the bottom right asks: 'Do you want to install the recommended 'C/C++ Extension Pack' extension from Microsoft for C language?' with buttons for 'Install' and 'Show Recommendations'.



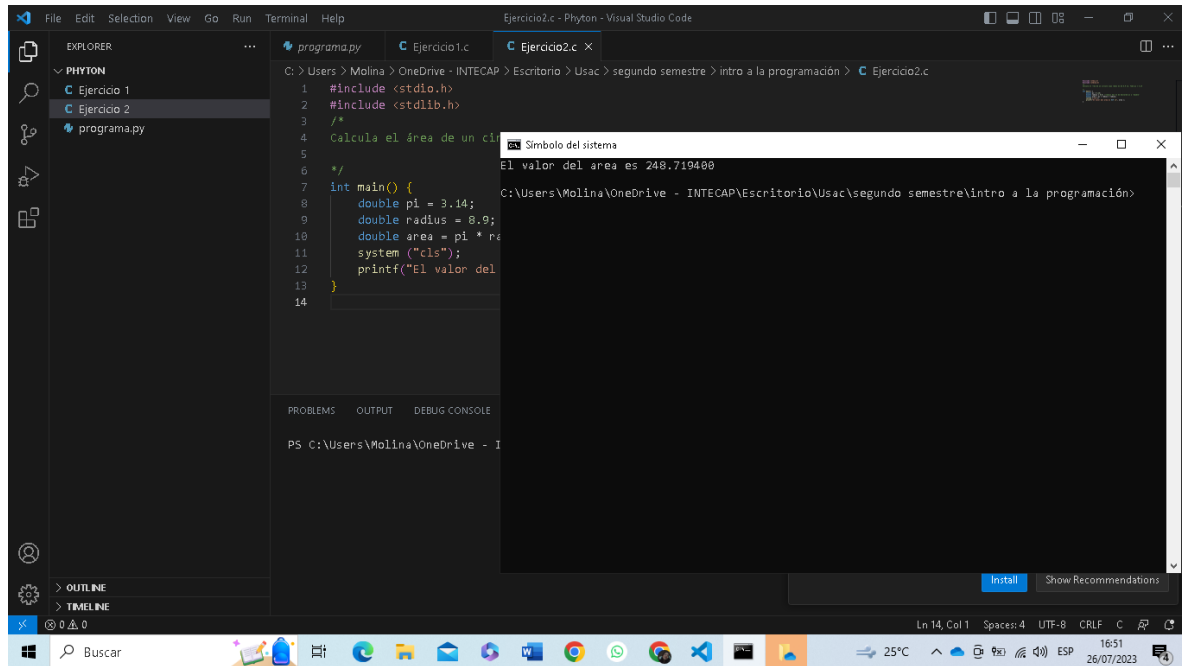
This screenshot shows the same Visual Studio Code interface after running the program. The terminal now displays the output of the program.

```
PS C:\Users\Molina\OneDrive - INTECAP\Escritorio\Phyton> .\Ejercicio1.c
1000
```

A small window titled 'Símbolo del sistema' is visible in the background, showing the command prompt with the path 'C:\Users\Molina\OneDrive - INTECAP\Escritorio\Usac\segundo semestre\intro a la programación>'.

Mayerli Ivon Argueta Claudio
Carné: 202300891

Ejercicio 2



The screenshot shows the Visual Studio Code interface with a C program open in the editor. The program calculates the area of a circle with a radius of 8.9. The output window shows the result: "El valor del area es 248.719400".

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 /*
4  * Calcula el área de un círculo
5  */
6
7 int main() {
8     double pi = 3.14;
9     double radius = 8.9;
10    double area = pi * radius * radius;
11    system("cls");
12    printf("El valor del área es: %.2f\n", area);
13}
14
```

Output:

```
El valor del area es 248.719400
C:\Users\Molina\OneDrive - INTECAP\Escritorio\Usac\segundo semestre\intro a la programación>
```