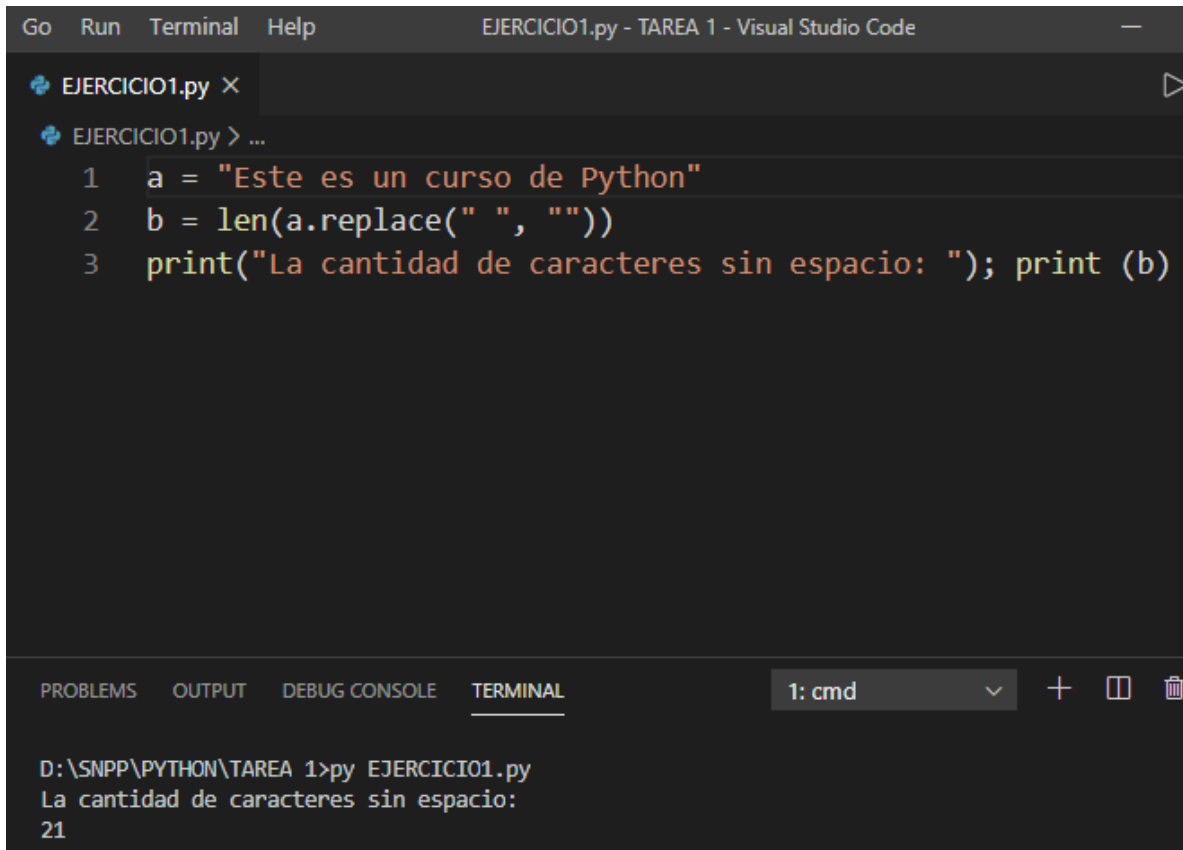


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EJERCICIO 1



The image shows a screenshot of the Visual Studio Code editor interface. The top menu bar includes 'Go', 'Run', 'Terminal', and 'Help'. The title bar indicates the file is 'EJERCICIO1.py - TAREA 1 - Visual Studio Code'. The editor window displays a Python script named 'EJERCICIO1.py' with the following code:

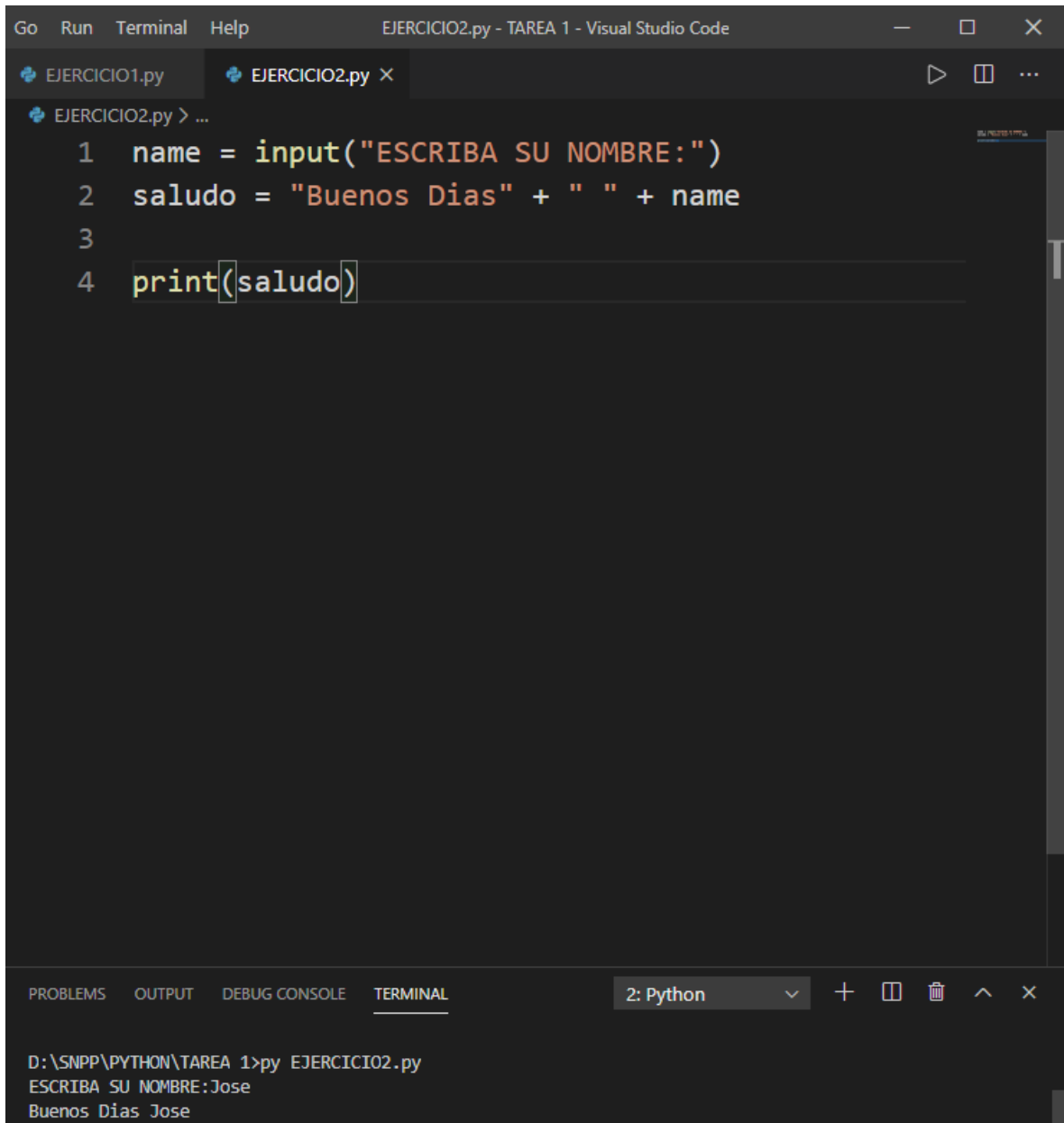
```
1 a = "Este es un curso de Python"
2 b = len(a.replace(" ", ""))
3 print("La cantidad de caracteres sin espacio: "); print (b)
```

Below the editor, the 'TERMINAL' panel is active, showing the command prompt output:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO1.py
La cantidad de caracteres sin espacio:
21
```

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EJERCICIO 2



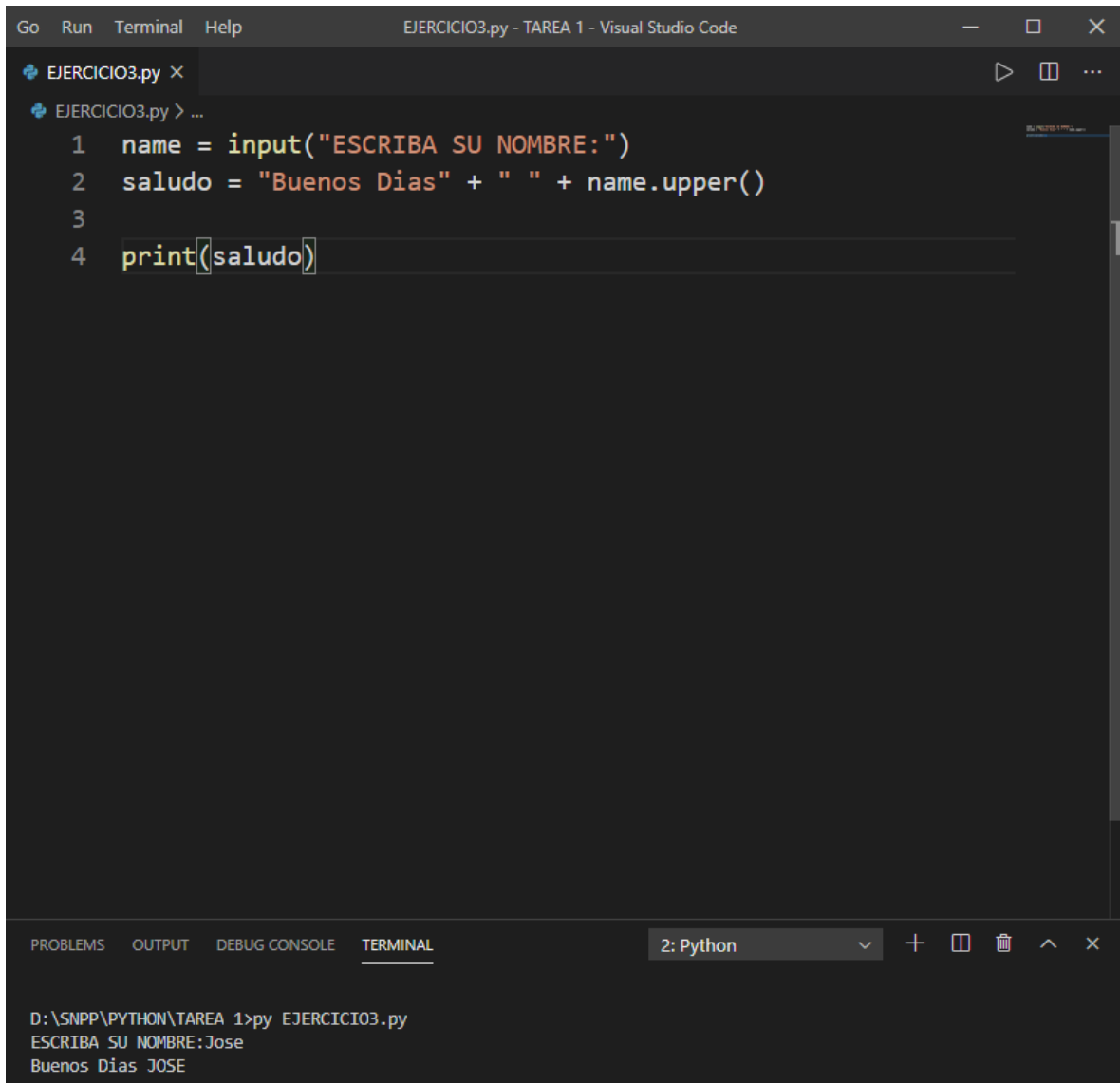
The image shows a screenshot of the Visual Studio Code editor. The top bar indicates the file is 'EJERCICIO2.py - TAREA 1 - Visual Studio Code'. The editor has two tabs: 'EJERCICIO1.py' and 'EJERCICIO2.py'. The 'EJERCICIO2.py' tab is active, showing the following Python code:

```
1 name = input("ESCRIBA SU NOMBRE:")
2 saludo = "Buenos Dias" + " " + name
3
4 print(saludo)
```

The bottom of the window shows the 'TERMINAL' panel. It displays the command 'D:\SNPP\PYTHON\TAREA 1>py EJERCICIO2.py' and the output 'ESCRIBA SU NOMBRE:Jose' followed by 'Buenos Dias Jose'.

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EJERCICIO 3



The image shows a Visual Studio Code window with a Python file named 'EJERCICIO3.py'. The code in the editor is as follows:

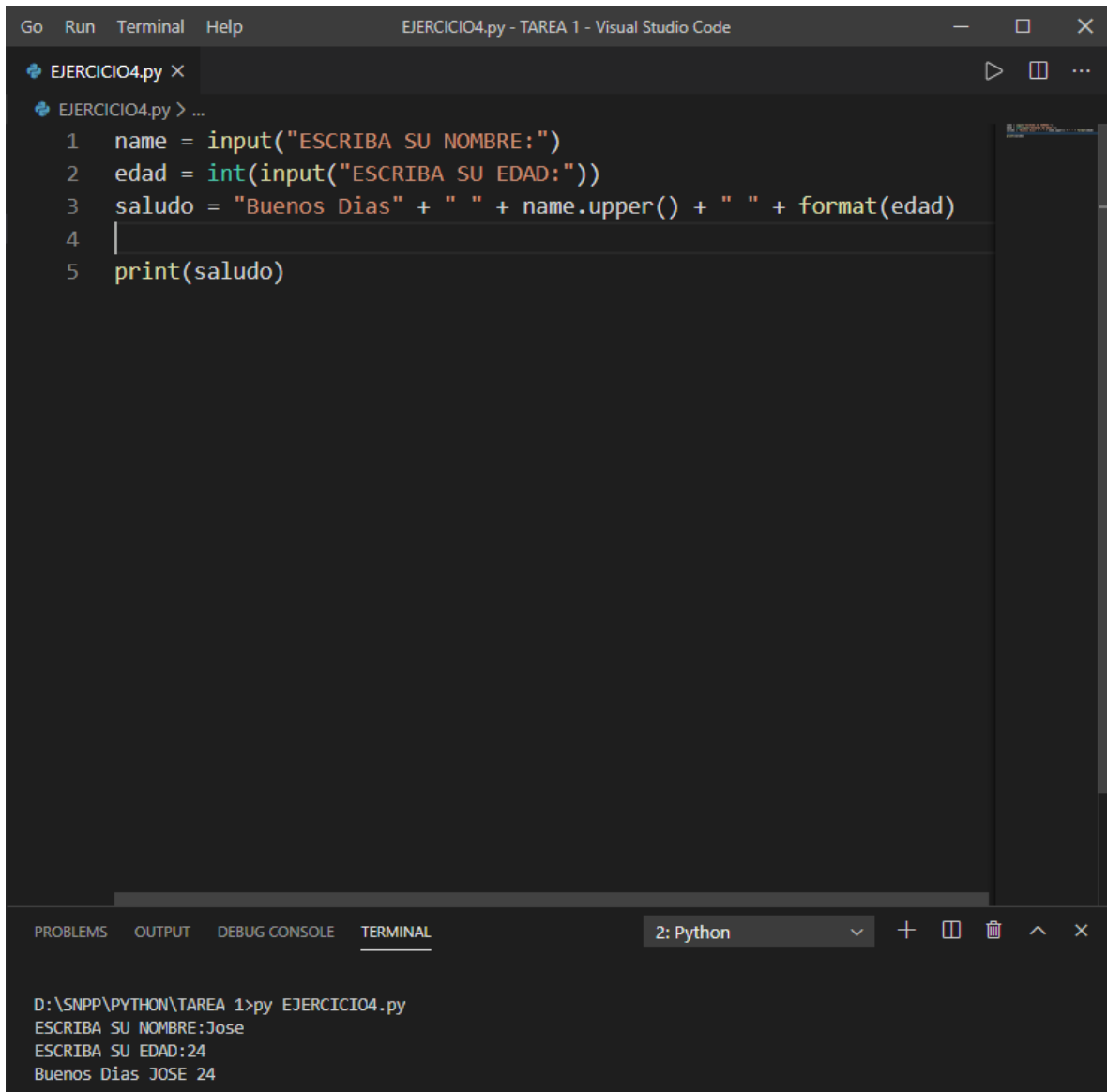
```
1 name = input("ESCRIBA SU NOMBRE:")
2 saludo = "Buenos Dias" + " " + name.upper()
3
4 print(saludo)
```

Below the editor, the 'TERMINAL' panel is active, showing the execution of the script. The output is:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO3.py
ESCRIBA SU NOMBRE:Jose
Buenos Dias JOSE
```

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EJERCICIO 4



The image shows a Visual Studio Code window with a Python file named 'EJERCICIO4.py'. The code in the editor is as follows:

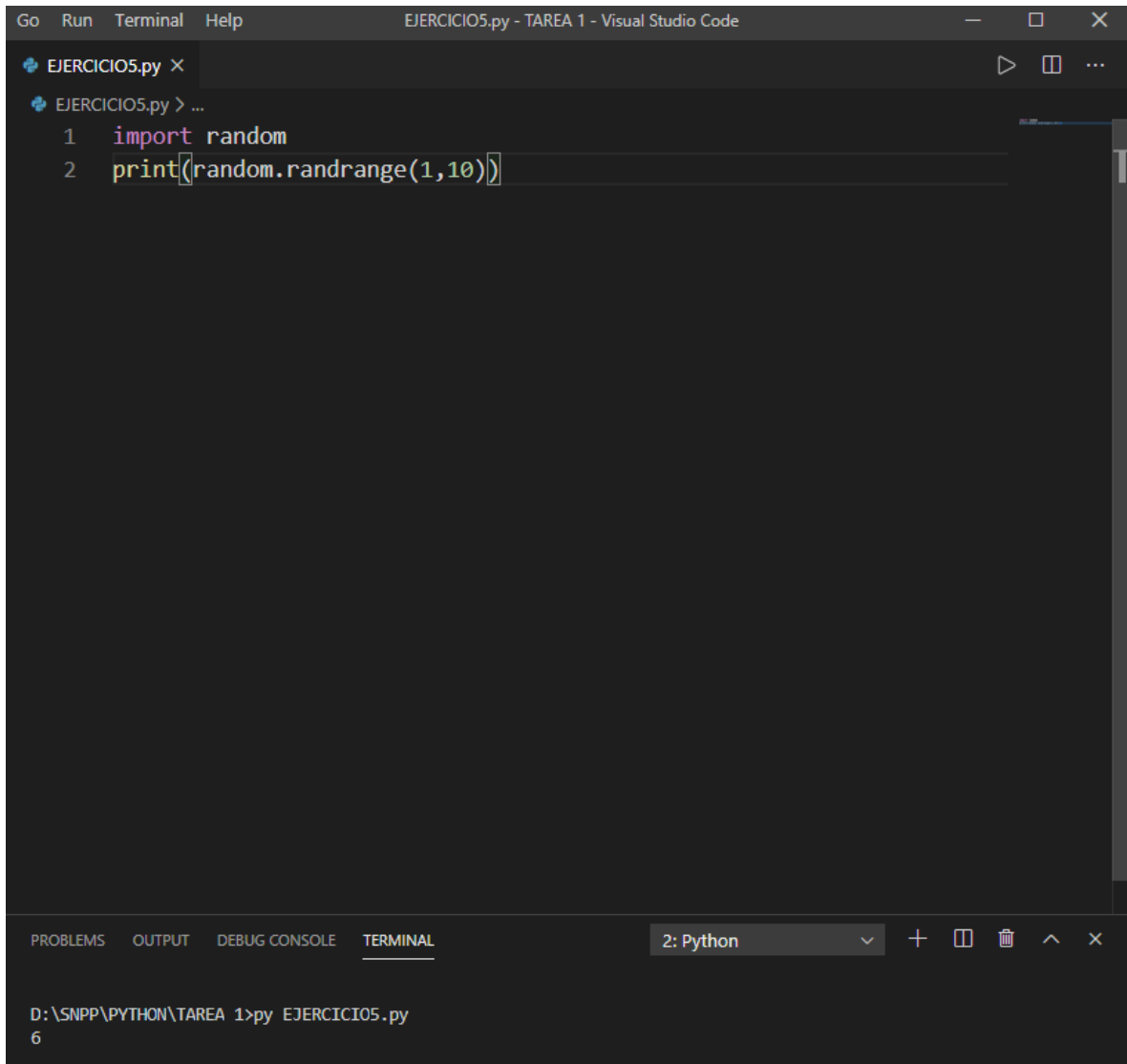
```
1 name = input("ESCRIBA SU NOMBRE:")
2 edad = int(input("ESCRIBA SU EDAD:"))
3 saludo = "Buenos Dias" + " " + name.upper() + " " + format(edad)
4
5 print(saludo)
```

The terminal at the bottom shows the execution of the script:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO4.py
ESCRIBA SU NOMBRE:Jose
ESCRIBA SU EDAD:24
Buenos Dias JOSE 24
```

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EJERCICIO 5



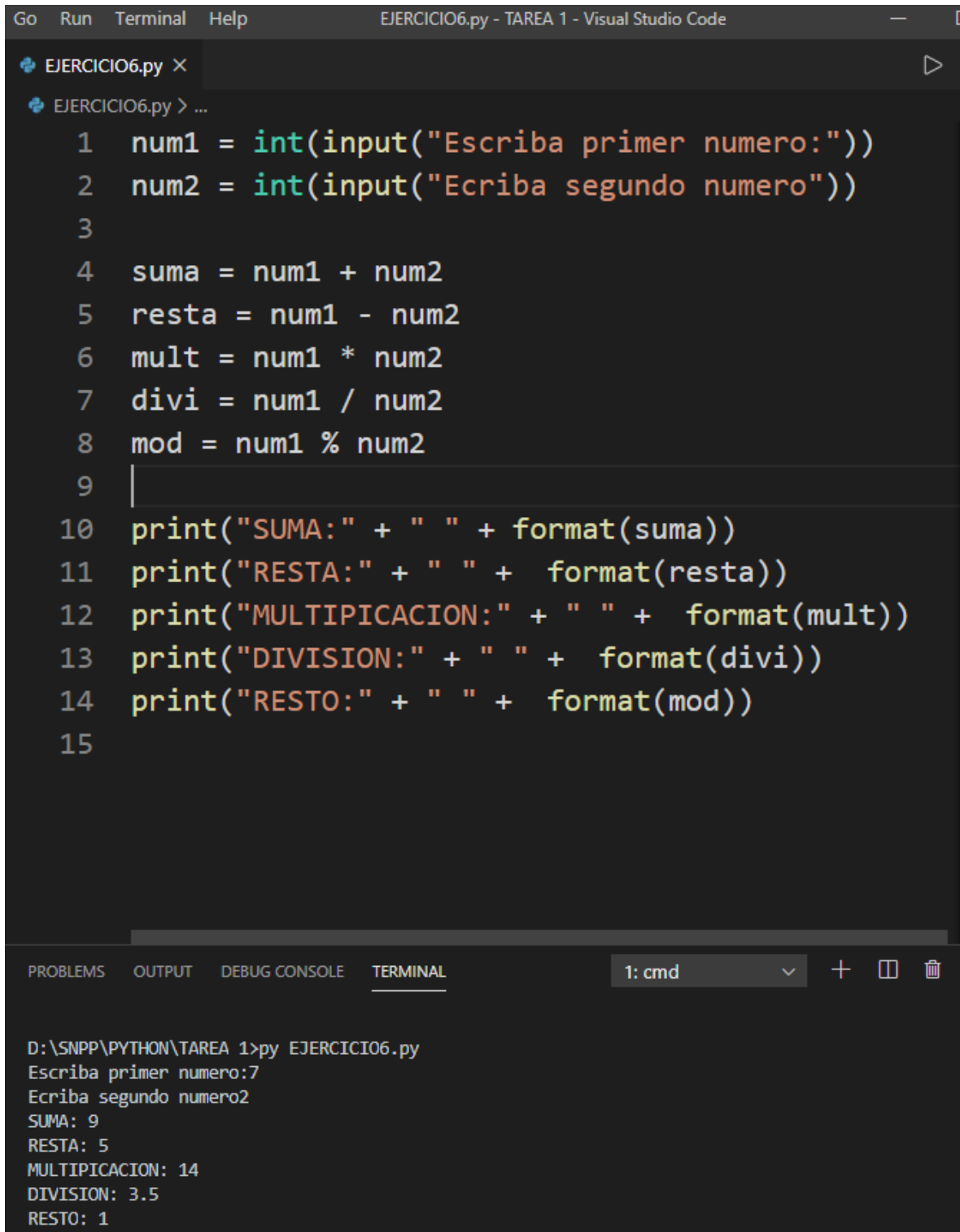
The image shows a screenshot of the Visual Studio Code editor interface. The top menu bar includes 'Go', 'Run', 'Terminal', and 'Help'. The title bar indicates the file is 'EJERCICIO5.py - TAREA 1 - Visual Studio Code'. The editor window displays a Python script with two lines: `1 import random` and `2 print(random.randrange(1,10))`. The bottom status bar shows the 'TERMINAL' tab is active, with the command `D:\SNPP\PYTHON\TAREA 1>py EJERCICIO5.py` and the output `6`.

```
Go Run Terminal Help EJERCICIO5.py - TAREA 1 - Visual Studio Code
EJERCICIO5.py x
EJERCICIO5.py > ...
1 import random
2 print(random.randrange(1,10))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 2: Python
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO5.py
6
```

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EJERCICIO 6



The image shows a Visual Studio Code window with a Python file named 'EJERCICIO6.py'. The code in the editor performs basic arithmetic on two user-input numbers. The terminal at the bottom shows the execution of the script, with inputs of 7 and 2, and outputs for sum, difference, product, division, and remainder.

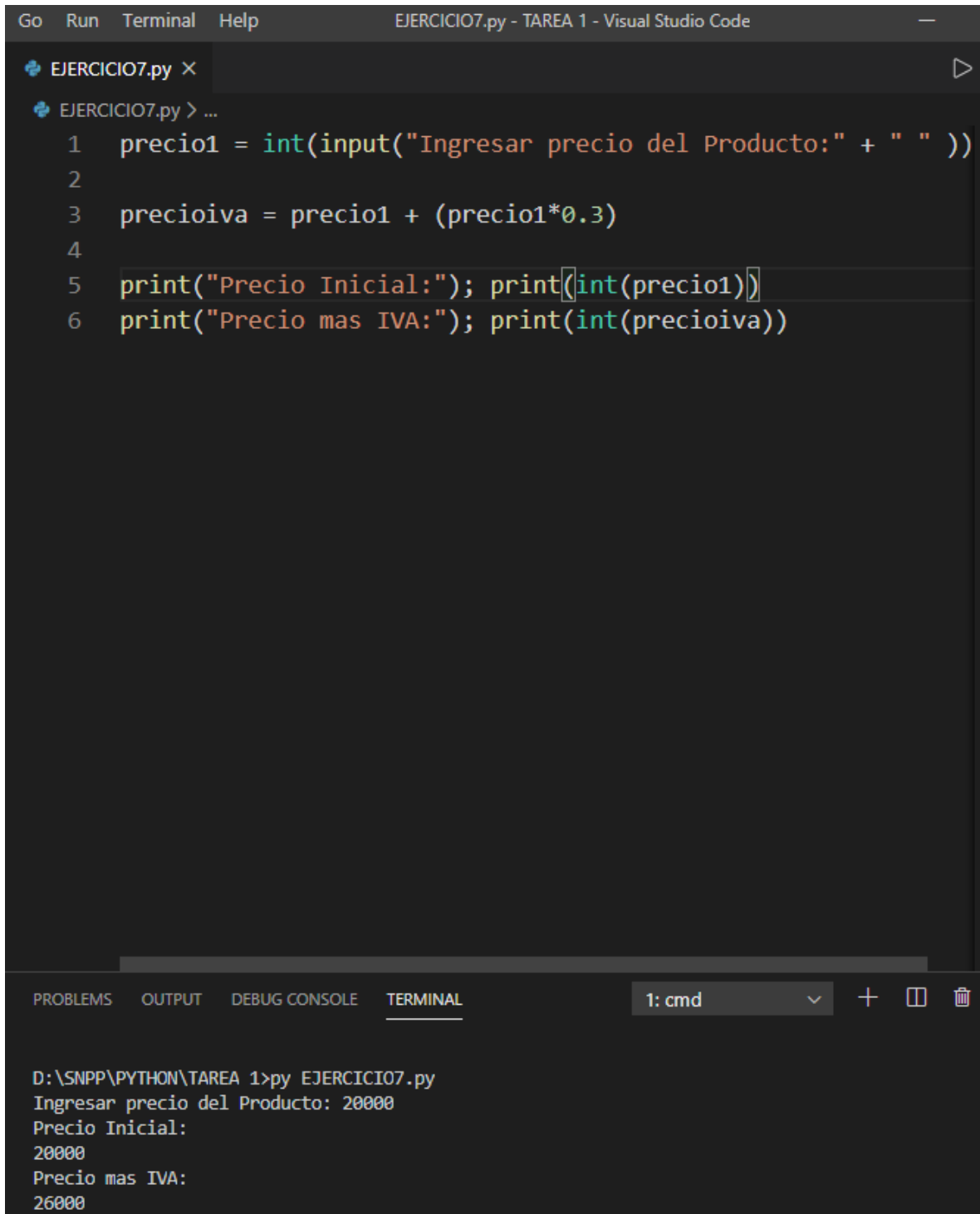
```
Go Run Terminal Help EJERCICIO6.py - TAREA 1 - Visual Studio Code
EJERCICIO6.py x
EJERCICIO6.py > ...
1 num1 = int(input("Escriba primer numero:"))
2 num2 = int(input("Escriba segundo numero"))
3
4 suma = num1 + num2
5 resta = num1 - num2
6 mult = num1 * num2
7 divi = num1 / num2
8 mod = num1 % num2
9
10 print("SUMA:" + " " + format(suma))
11 print("RESTA:" + " " + format(resta))
12 print("MULTIPLICACION:" + " " + format(mult))
13 print("DIVISION:" + " " + format(divi))
14 print("RESTO:" + " " + format(mod))
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: cmd + [icon] [icon]

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO6.py
Escriba primer numero:7
Escriba segundo numero:2
SUMA: 9
RESTA: 5
MULTIPLICACION: 14
DIVISION: 3.5
RESTO: 1
```

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EJERCICIO 7



The image shows a screenshot of the Visual Studio Code editor. The top bar indicates the file is 'EJERCICIO7.py - TAREA 1 - Visual Studio Code'. The editor window displays a Python script with the following code:

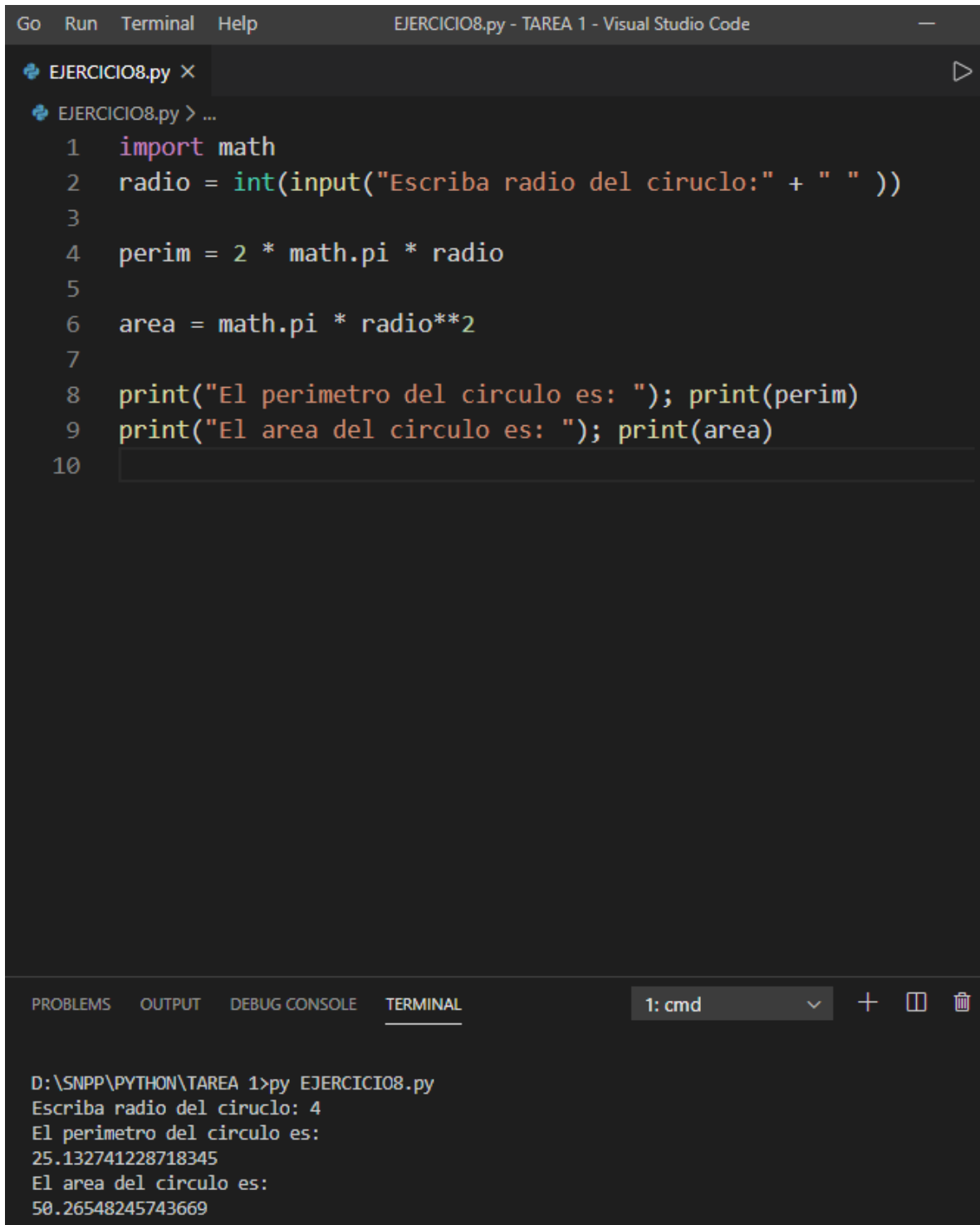
```
1 precio1 = int(input("Ingresar precio del Producto:" + " "))
2
3 precioiva = precio1 + (precio1*0.3)
4
5 print("Precio Inicial:"); print(int(precio1))
6 print("Precio mas IVA:"); print(int(precioiva))
```

Below the editor, the 'TERMINAL' panel is active, showing the command prompt output:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO7.py
Ingresar precio del Producto: 20000
Precio Inicial:
20000
Precio mas IVA:
26000
```

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EJERCICIO 8



The image shows a Visual Studio Code editor window with a Python file named 'EJERCICIO8.py'. The code calculates the perimeter and area of a circle based on a user input radius. The terminal at the bottom shows the execution of the script with an input of 4, resulting in a perimeter of approximately 25.13 and an area of approximately 50.27.

```
Go Run Terminal Help EJERCICIO8.py - TAREA 1 - Visual Studio Code
```

```
EJERCICIO8.py ×
```

```
EJERCICIO8.py > ...
```

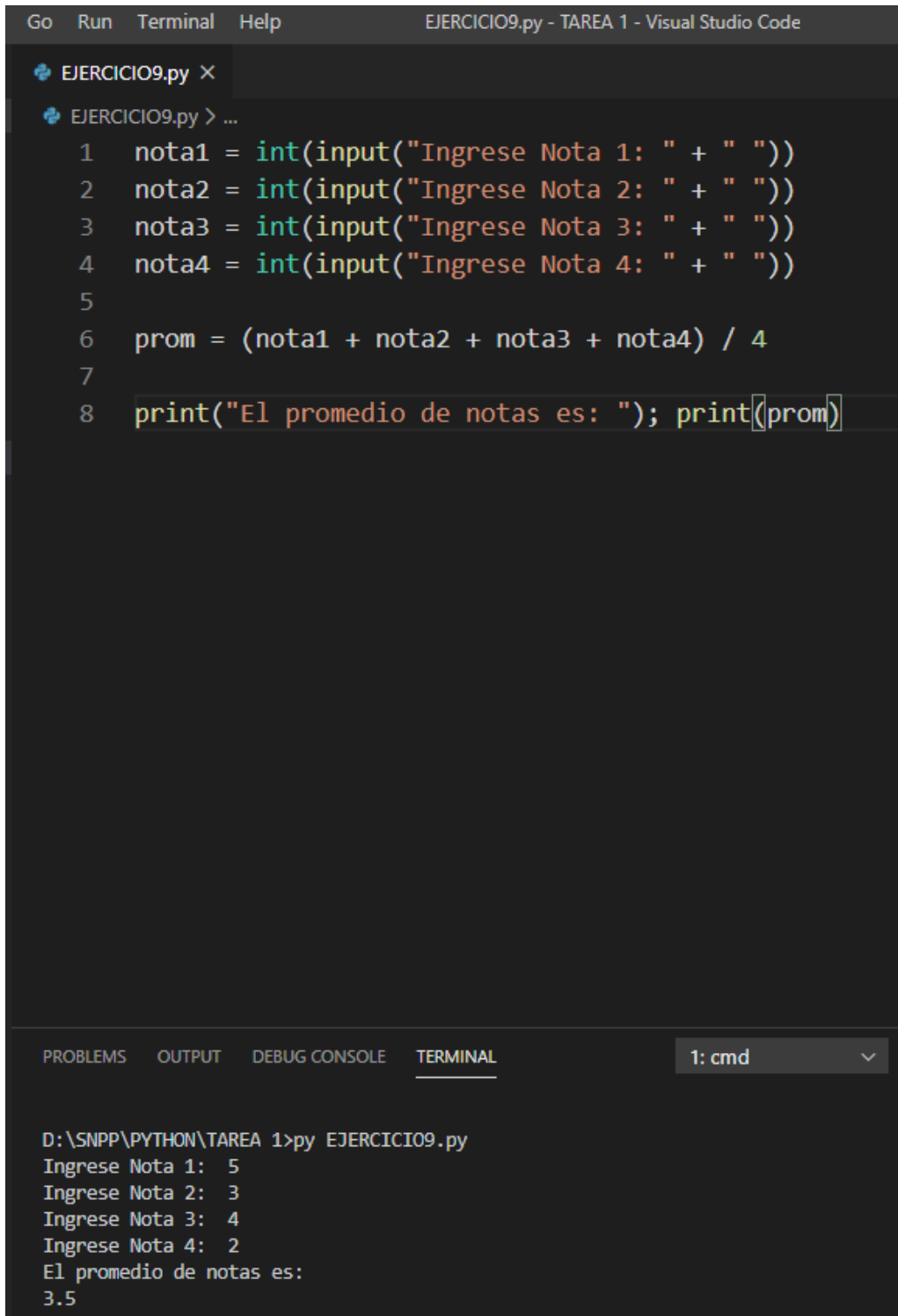
```
1 import math
2 radio = int(input("Escriba radio del ciruclo:" + " " ))
3
4 perim = 2 * math.pi * radio
5
6 area = math.pi * radio**2
7
8 print("El perimetro del circulo es: "); print(perim)
9 print("El area del circulo es: "); print(area)
10
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: cmd
```

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO8.py
Escriba radio del ciruclo: 4
El perimetro del circulo es:
25.132741228718345
El area del circulo es:
50.26548245743669
```


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EJERCICIO 9



The image shows a screenshot of the Visual Studio Code editor. The top bar indicates the file is 'EJERCICIO9.py - TAREA 1 - Visual Studio Code'. The editor window shows a Python script named 'EJERCICIO9.py' with the following code:

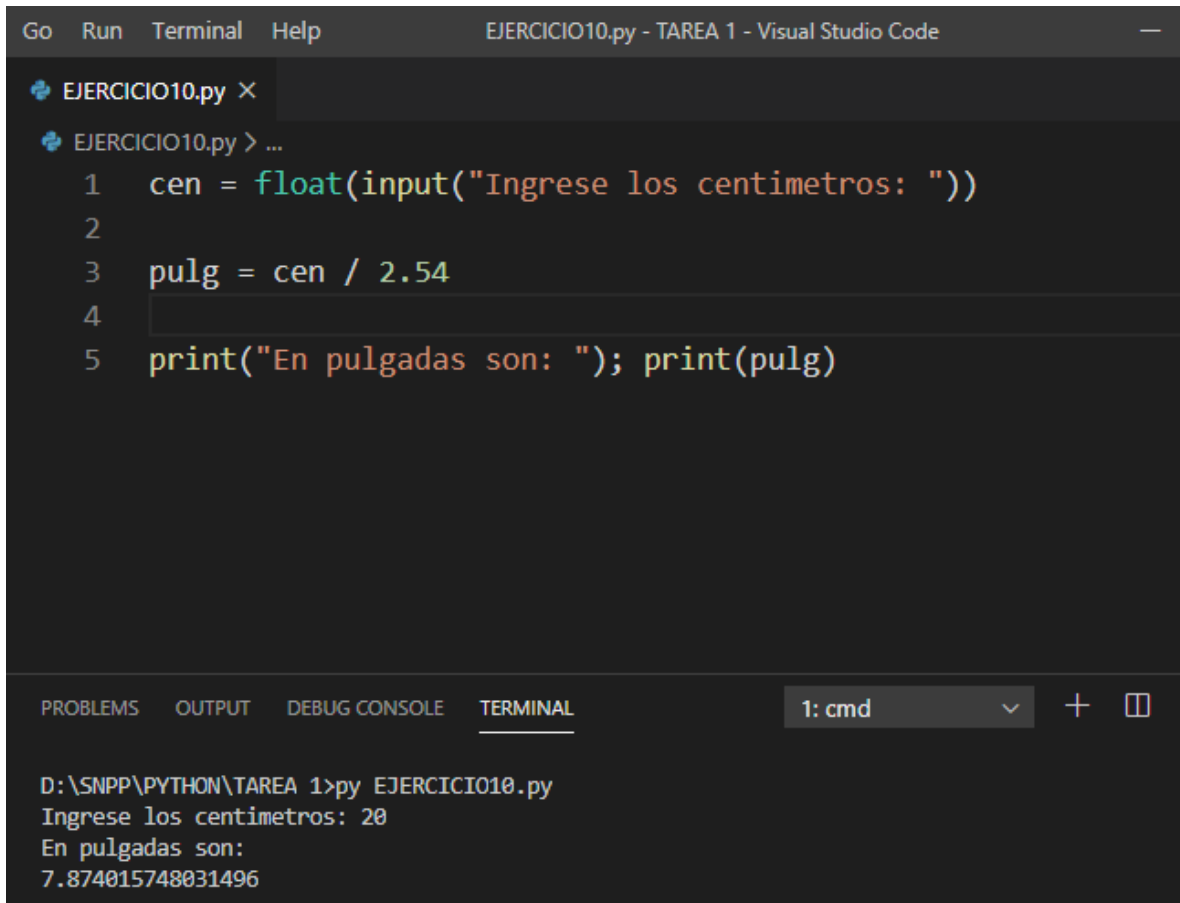
```
1  nota1 = int(input("Ingrese Nota 1: " + " "))
2  nota2 = int(input("Ingrese Nota 2: " + " "))
3  nota3 = int(input("Ingrese Nota 3: " + " "))
4  nota4 = int(input("Ingrese Nota 4: " + " "))
5
6  prom = (nota1 + nota2 + nota3 + nota4) / 4
7
8  print("El promedio de notas es: "); print(prom)
```

Below the editor, the 'TERMINAL' tab is active, showing the command prompt output:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO9.py
Ingrese Nota 1: 5
Ingrese Nota 2: 3
Ingrese Nota 3: 4
Ingrese Nota 4: 2
El promedio de notas es:
3.5
```

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EJERCICIO 10



The image shows a screenshot of the Visual Studio Code editor interface. The top bar displays the menu items 'Go', 'Run', 'Terminal', and 'Help', along with the file name 'EJERCICIO10.py - TAREA 1 - Visual Studio Code'. The editor window shows a Python script named 'EJERCICIO10.py' with the following code:

```
1  cen = float(input("Ingrese los centimetros: "))
2
3  pulg = cen / 2.54
4
5  print("En pulgadas son: "); print(pulg)
```

The bottom panel shows the 'TERMINAL' tab, which contains the output of the script execution:

```
D:\SNPP\PYTHON\TAREA 1>py EJERCICIO10.py
Ingrese los centimetros: 20
En pulgadas son:
7.874015748031496
```