

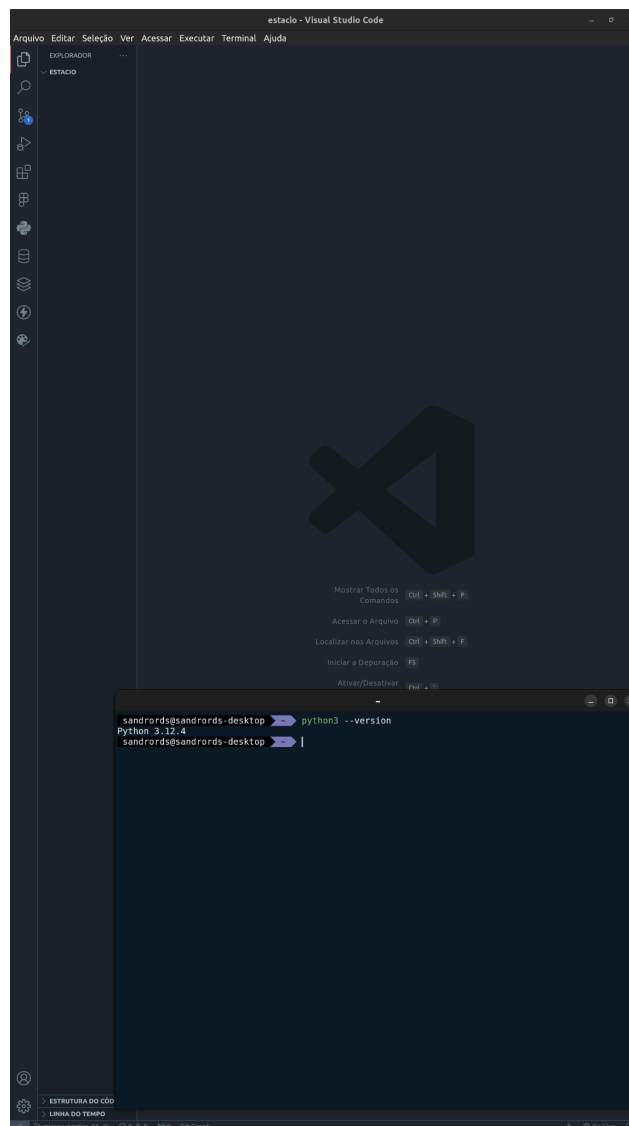
# Missão Prática 1

## Execução do Projeto

### Configurações da Máquina

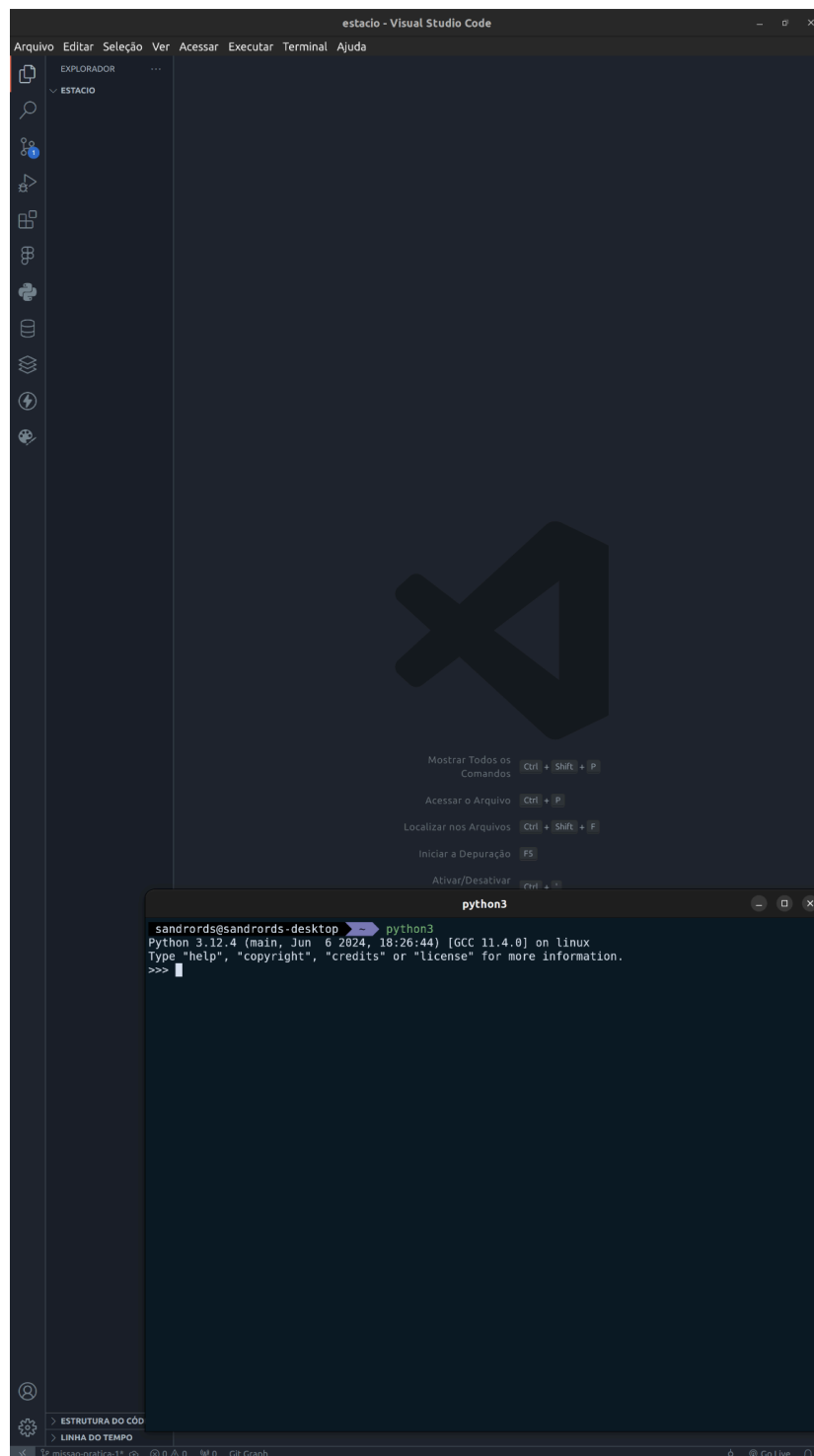
A atividade foi executada através de um desktop com o sistema operacional Ubuntu 22.04 LTS.

#### 1. Microatividade 1

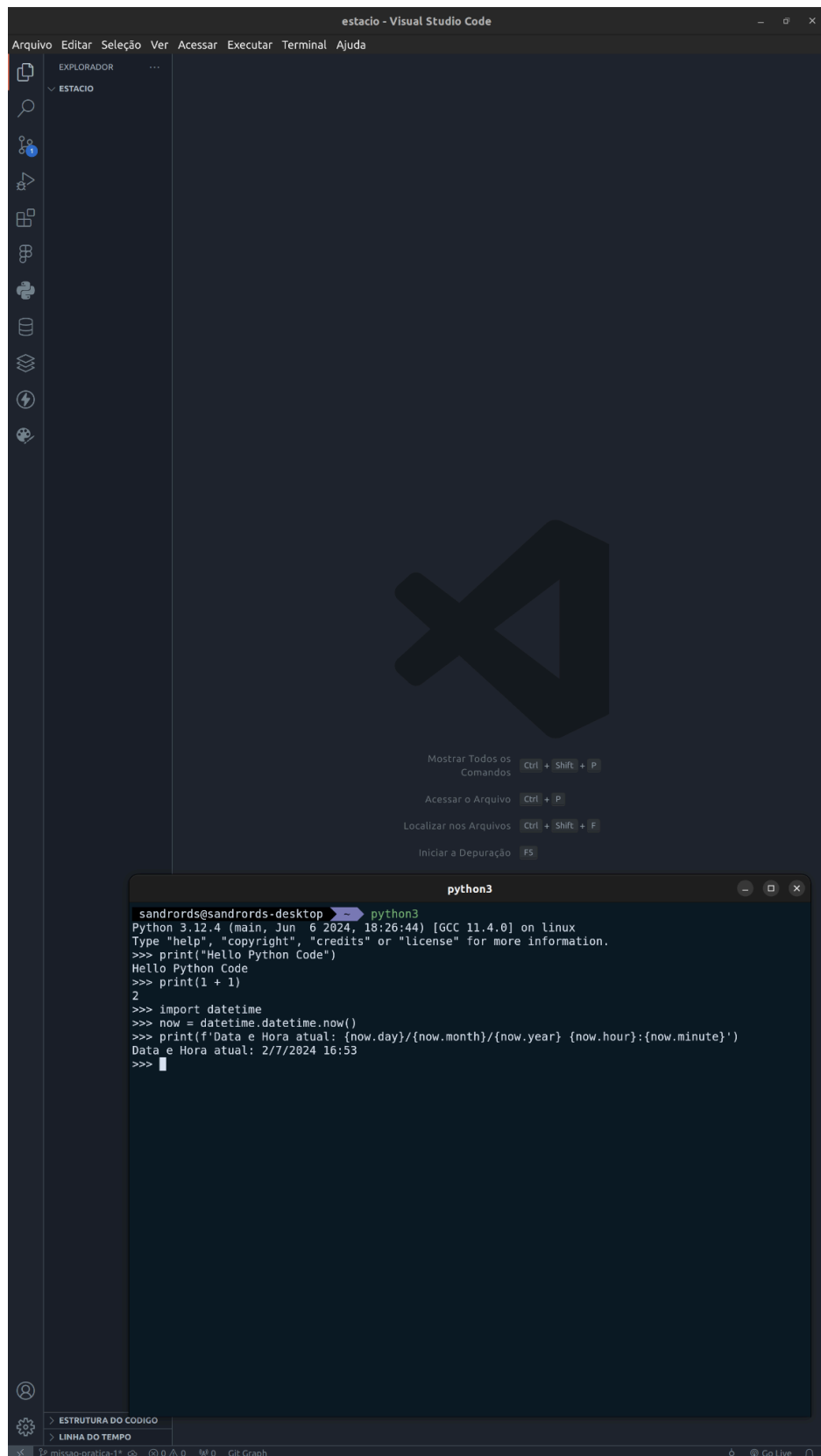


*O interpretador Python já está instalado na máquina.*

## 2. Microatividade 2



*Abrindo o interpretador Python no terminal*



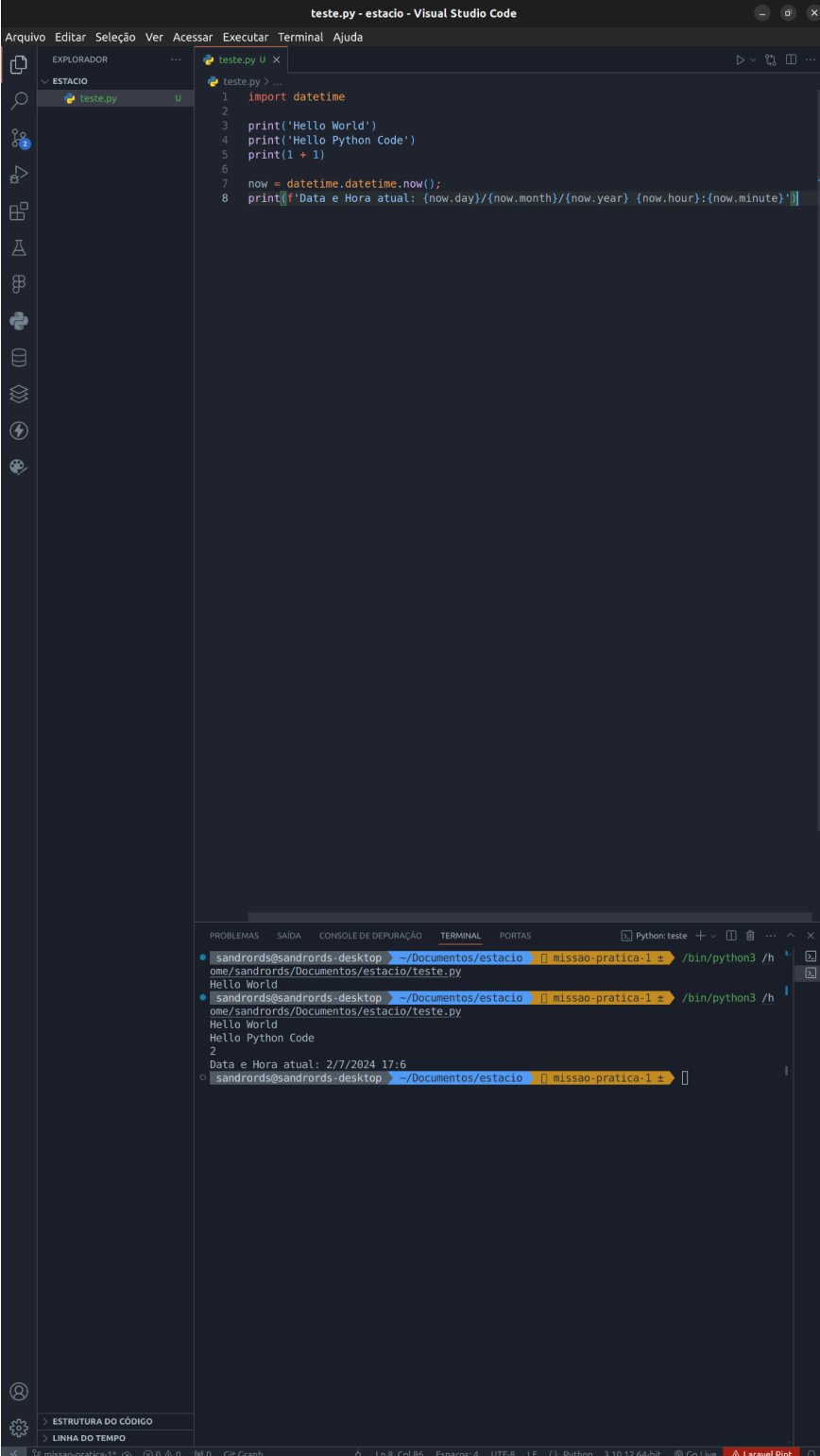
The image shows the Visual Studio Code editor interface. The top menu bar includes 'Arquivo', 'Editar', 'Seleção', 'Ver', 'Acessar', 'Executar', 'Terminal', and 'Ajuda'. The left sidebar contains the 'EXPLORADOR' (Explorer) view, which is currently empty. The main editor area displays a large, faint Visual Studio Code logo. Below the logo, there are several keyboard shortcuts listed: 'Mostrar Todos os Comandos' (Ctrl + Shift + P), 'Acessar o Arquivo' (Ctrl + P), 'Localizar nos Arquivos' (Ctrl + Shift + F), and 'Iniciar a Depuração' (F5). A terminal window titled 'python3' is open in the foreground, showing the following output:

```
sandrords@sandrords-desktop ➤ python3
Python 3.12.4 (main, Jun 6 2024, 18:26:44) [GCC 11.4.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> print("Hello Python Code")
Hello Python Code
>>> print(1 + 1)
2
>>> import datetime
>>> now = datetime.datetime.now()
>>> print(f'Data e Hora atual: {now.day}/{now.month}/{now.year} {now.hour}:{now.minute}')
Data e Hora atual: 2/7/2024 16:53
>>>
```

The bottom status bar shows the file 'missao-pratica-1\*' and the 'Go Live' button.

*Executando alguns comandos iniciais*

### 3. Microatividade 3



The screenshot displays the Visual Studio Code interface with a Python file named `teste.py` open. The code in the file is as follows:

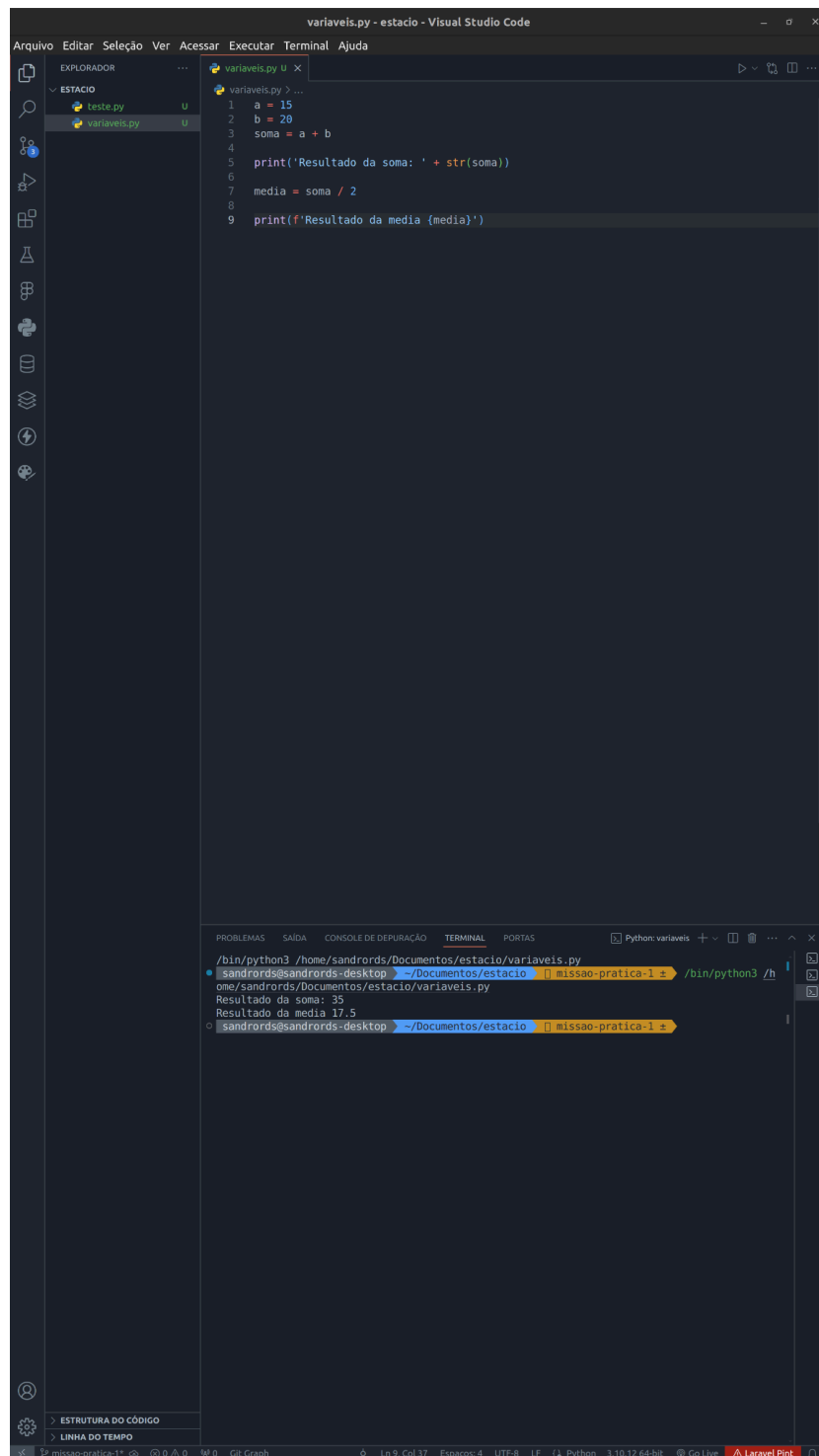
```
1 import datetime
2
3 print('Hello World')
4 print('Hello Python Code')
5 print(1 + 1)
6
7 now = datetime.datetime.now();
8 print(f'Data e Hora atual: {now.day}/{now.month}/{now.year} {now.hour}:{now.minute}')
```

Below the editor, the TERMINAL panel shows the execution of the script using the command `/bin/python3 /home/sandrords/Documents/estacio/teste.py`. The output of the script is:

```
Hello World
Hello World
Hello Python Code
2
Data e Hora atual: 2/7/2024 17:6
```

*Criando um arquivo de script Python com os comandos utilizados anteriormente*

## 4. Microatividade 4



The image shows a screenshot of the Visual Studio Code editor. The main editor window displays a Python file named `variaveis.py` with the following code:

```
1 a = 15
2 b = 20
3 soma = a + b
4
5 print('Resultado da soma: ' + str(soma))
6
7 media = soma / 2
8
9 print(f'Resultado da media {media}')
```

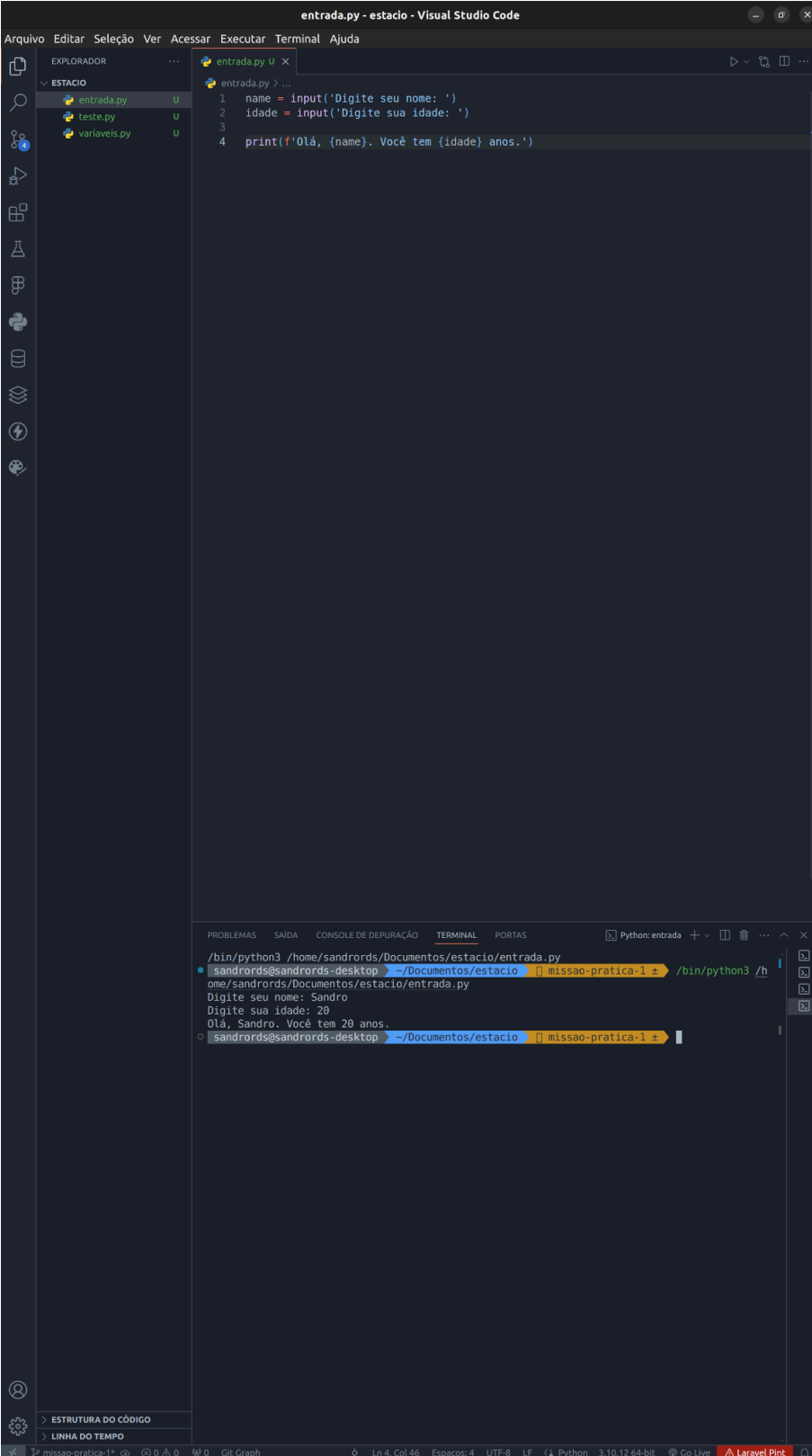
The left sidebar shows the Explorer view with a folder named `ESTACIO` containing two files: `teste.py` and `variaveis.py`. The bottom panel shows the Terminal view with the following output:

```
Python: variaveis
~/bin/python3 /home/sandrords/Documents/estacio/variaveis.py
sandrords@sandrords-desktop: ~/Documents/estacio
$ python3 /home/sandrords/Documents/estacio/variaveis.py
Resultado da soma: 35
Resultado da media 17.5
sandrords@sandrords-desktop: ~/Documents/estacio
```

The status bar at the bottom indicates the file is `variaveis.py`, line 9, column 37, with 4 spaces, UTF-8 encoding, LF line endings, Python 3.10.12 64-bit, and the Go Live extension is active.

*Executando os comandos solicitados*

## 5. Microatividade 5



The image shows a screenshot of the Visual Studio Code editor. The main editor window displays a Python file named `entrada.py` with the following code:

```
1 name = input('Digite seu nome: ')
2 idade = input('Digite sua idade: ')
3
4 print(f'Olá, {name}. Você tem {idade} anos.')
```

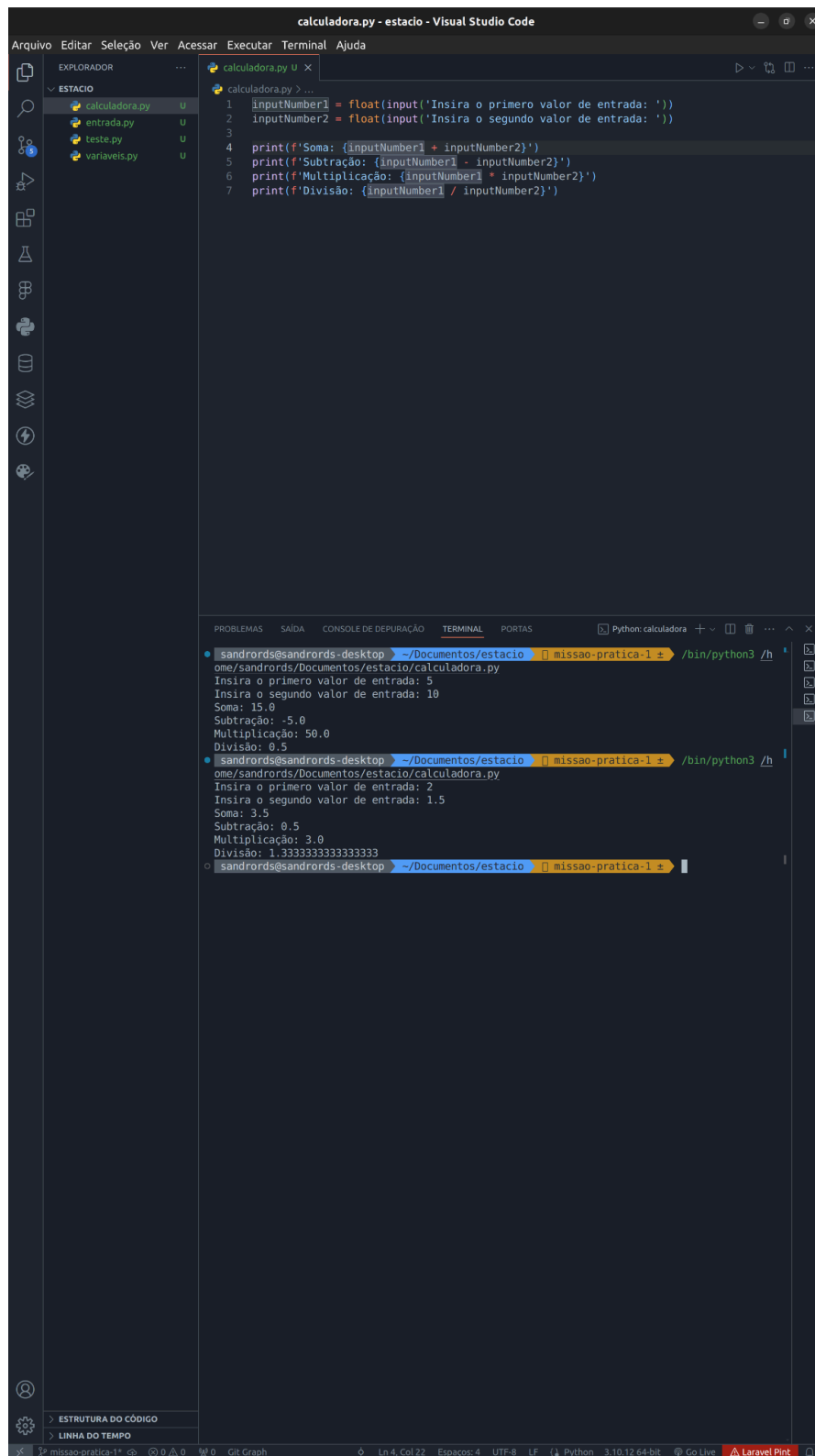
The left sidebar shows the Explorer view with a folder named `ESTACIO` containing three files: `entrada.py`, `teste.py`, and `variaveis.py`. The bottom panel shows the Terminal view with the following output:

```
/bin/python3 /home/sandrords/Documents/estacio/entrada.py
sandrords@sandrords-desktop ~/Documentos/estacio missao-pratica-1 ± /bin/python3 /h
ome/sandrords/Documents/estacio/entrada.py
Digite seu nome: Sandro
Digite sua idade: 20
Olá, Sandro. Você tem 20 anos.
sandrords@sandrords-desktop ~/Documentos/estacio missao-pratica-1 ±
```

The status bar at the bottom indicates the file is `missao-pratica-1.py`, line 4, column 46, using UTF-8 encoding and LF line endings. The Python version is 3.10.12 64-bit.

*Executando os comandos solicitados*

# Missão Prática



The image shows a Visual Studio Code editor window titled "calculadora.py - estacio - Visual Studio Code". The Explorer sidebar on the left shows a project named "ESTACIO" with files: "calculadora.py", "entrada.py", "teste.py", and "variaveis.py". The main editor displays the content of "calculadora.py":

```
1 inputNumber1 = float(input('Insira o primeiro valor de entrada: '))
2 inputNumber2 = float(input('Insira o segundo valor de entrada: '))
3
4 print(f'Soma: {inputNumber1 + inputNumber2}')
5 print(f'Subtração: {inputNumber1 - inputNumber2}')
6 print(f'Multiplicação: {inputNumber1 * inputNumber2}')
7 print(f'Divisão: {inputNumber1 / inputNumber2}')
```

The TERMINAL panel at the bottom shows the execution of the script using Python 3. The output for two different input sets is shown:

```
● sandrords@sandrords-desktop ~/Documentos/estacio [missao-pratica-1] /bin/python3 /h
ome/sandrords/Documentos/estacio/calculadora.py
Insira o primeiro valor de entrada: 5
Insira o segundo valor de entrada: 10
Soma: 15.0
Subtração: -5.0
Multiplicação: 50.0
Divisão: 0.5

● sandrords@sandrords-desktop ~/Documentos/estacio [missao-pratica-1] /bin/python3 /h
ome/sandrords/Documentos/estacio/calculadora.py
Insira o primeiro valor de entrada: 2
Insira o segundo valor de entrada: 1.5
Soma: 3.5
Subtração: 0.5
Multiplicação: 3.0
Divisão: 1.3333333333333333
○ sandrords@sandrords-desktop ~/Documentos/estacio [missao-pratica-1]
```

The status bar at the bottom indicates the file is "missao-pratica-1", encoding is "UTF-8", and the Python interpreter is "Python 3.10.12 64-bit".

*Produzindo o script da calculadora*