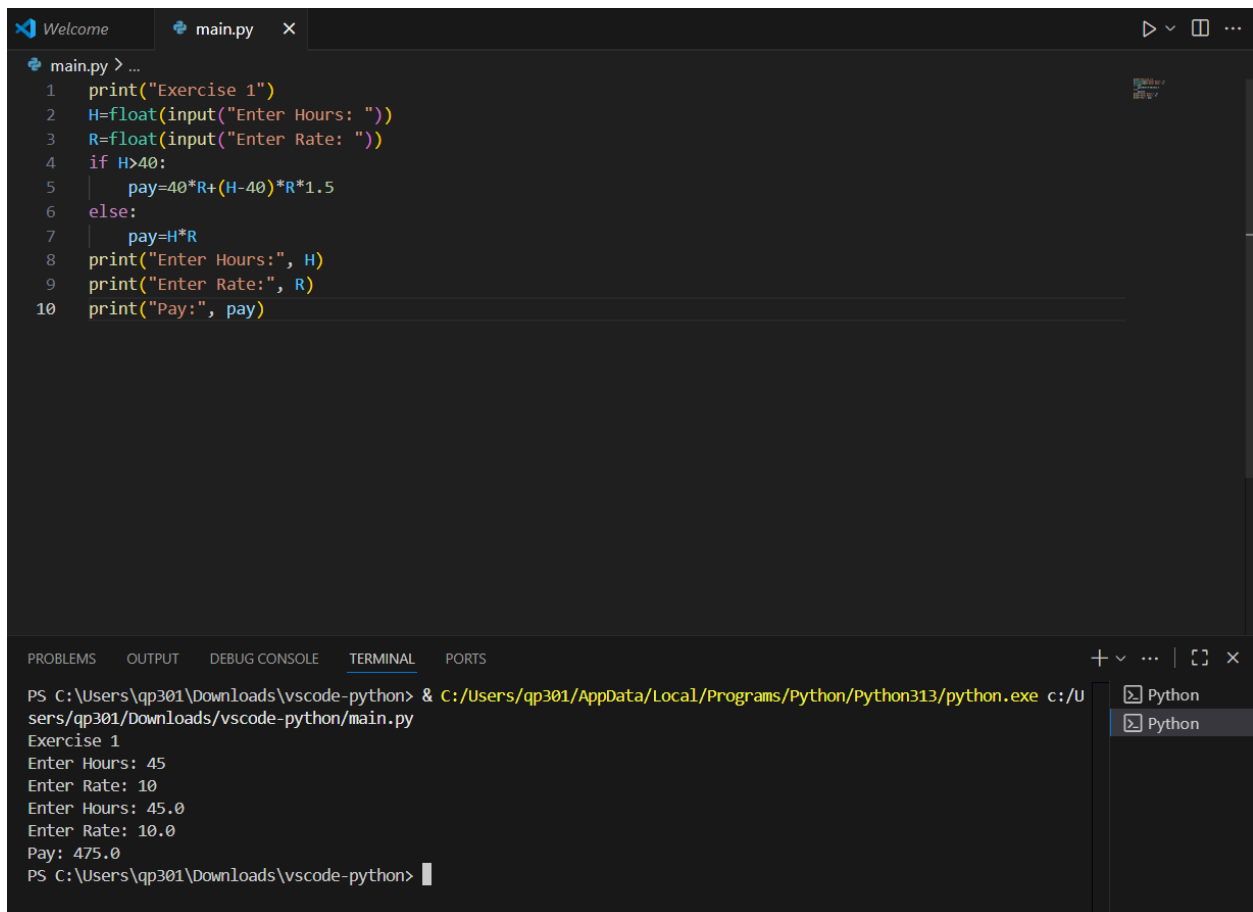


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Chap 3:

Exercise 1:



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

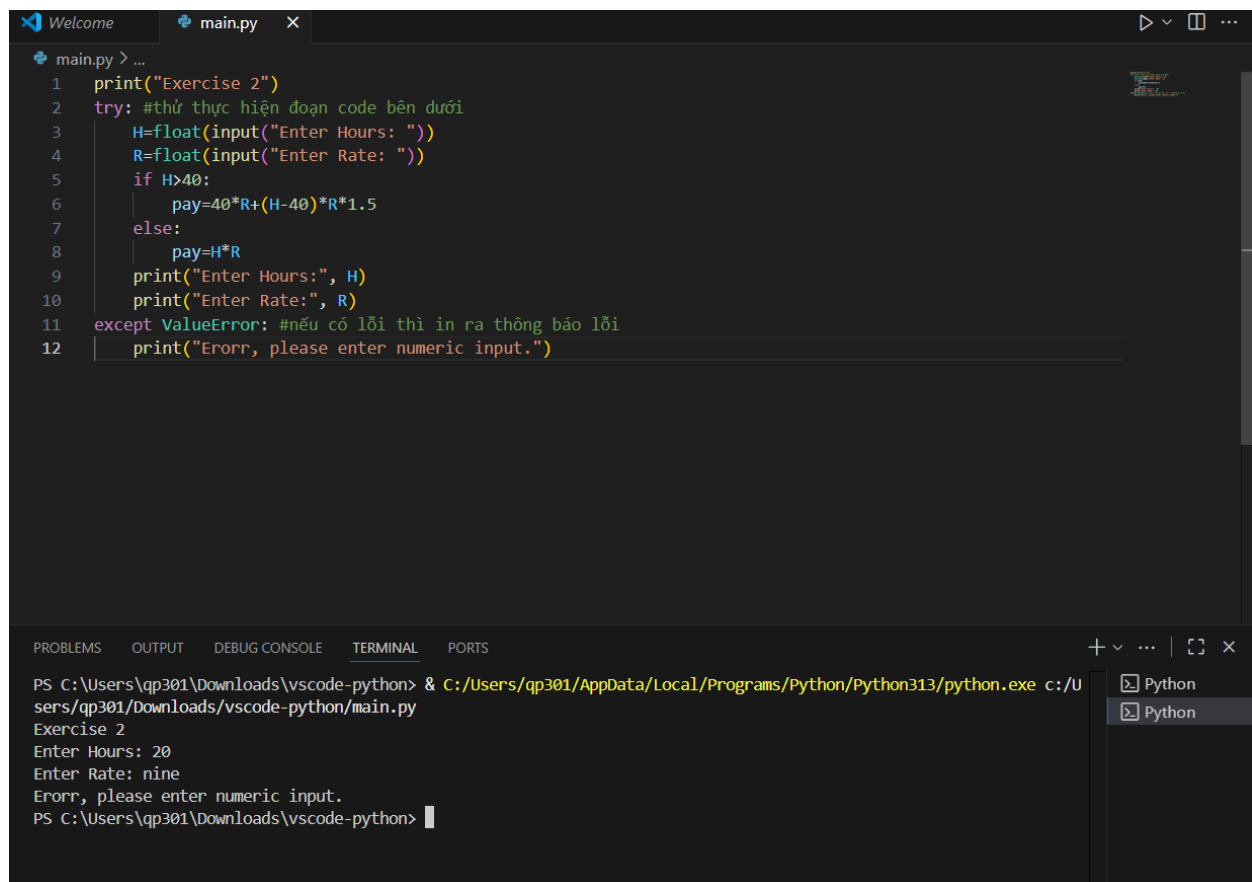
```
1 print("Exercise 1")
2 H=float(input("Enter Hours: "))
3 R=float(input("Enter Rate: "))
4 if H>40:
5     pay=40*R+(H-40)*R*1.5
6 else:
7     pay=H*R
8 print("Enter Hours:", H)
9 print("Enter Rate:", R)
10 print("Pay:", pay)
```

Below the editor, the TERMINAL panel is active, showing the command prompt output of running the script:

```
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Exercise 1
Enter Hours: 45
Enter Rate: 10
Enter Hours: 45.0
Enter Rate: 10.0
Pay: 475.0
PS C:\Users\qp301\Downloads\vscode-python>
```

The terminal output shows the program prompting for hours and rate, accepting input, and calculating the pay based on the logic in the script.

Exercise 2:



The image shows a Visual Studio Code window with a Python file named `main.py` open. The code in the file is as follows:

```
1 print("Exercise 2")
2 try: #thử thực hiện đoạn code bên dưới
3     H=float(input("Enter Hours: "))
4     R=float(input("Enter Rate: "))
5     if H>40:
6         pay=40*R+(H-40)*R*1.5
7     else:
8         pay=H*R
9     print("Enter Hours:", H)
10    print("Enter Rate:", R)
11 except ValueError: #nếu có lỗi thì in ra thông báo lỗi
12    print("Errorr, please enter numeric input.")
```

Below the editor, the TERMINAL panel is active, showing the command to run the script and its output:

```
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Exercise 2
Enter Hours: 20
Enter Rate: nine
Errorr, please enter numeric input.
PS C:\Users\qp301\Downloads\vscode-python>
```

Exercise 3:

```
Welcome  main.py x
main.py > ...
1  try:
2      S = float(input("Enter score: "))
3  except ValueError:
4      #thử nhập value mình là 1 số nếu là chữ thì nó sẽ cho là S=2 ngoài phạm vi thì sẽ thực hiện lệnh if n
5      S = 2.0
6  print("Score:", S)
7  if not 0.0 <= S <= 1.0:
8      print("Bad score")
9  elif S >= 0.9:
10     print("A")
11  elif S >= 0.8:
12     print("B")
13  elif S >= 0.7:
14     print("C")
15  elif S >= 0.6:
16     print("D")
17  else:
18     print("F")
```

```
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Enter score: 0.95 A ~~
Score: 2.0
Bad score
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Enter score: perfect
Score: 2.0
Bad score
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Enter score: 10.0
Score: 10.0
Bad score
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Enter score: 0.75
Score: 0.75
C
PS C:\Users\qp301\Downloads\vscode-python> & C:/Users/qp301/AppData/Local/Programs/Python/Python313/python.exe c:/U
sers/qp301/Downloads/vscode-python/main.py
Enter score: 0.5
Score: 0.5
F
PS C:\Users\qp301\Downloads\vscode-python>
```