

Spyder

File Edit Search Source Run Debug Consoles Projects Tools Window Help

C:\Users\h3lsy\Desktop\programming\module 4 spyder\untitled0.py

e.py x m4p2 spyder code.py x m4p3 spyder code.py x m4p4 spyder code.py x untitled0.py* x

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Wed Feb 25 20:45:42 2026
4
5 @author: Adrian Szydłowski
6 """
7
8 fcost = float(input("Enter fixed cost amount: "))
9 unitcost = float(input("Enter unit cost: "))
10 unitprice = float(input("Enter unit price(has to be greater than unit cost): "))
11
12 breakeven = fcost / (unitprice - unitcost)
13
14 print("to break even ", breakeven, "units need to be sold")
15
16
17
```

Console 1/A

```
Enter fixed cost amount: 100
Enter unit cost:1
Enter unit price (has to be greater than unit cost)2
100.0

In [2]: %runfile 'C:/Users/h3lsy/Desktop/programming/module 4 spyder/untitled0.py' --wdir
Enter fixed cost amount: 10
Enter unit cost:1
Enter unit price(has to be greater than unit cost): 3
5.0

In [3]: %runfile 'C:/Users/h3lsy/Desktop/programming/module 4 spyder/untitled0.py' --wdir
Enter fixed cost amount: 10500
Enter unit cost:15
Enter unit price(has to be greater than unit cost): 40
to break even 420.0 units need to be sold

In [4]:
```

The screenshot shows the Spyder IDE interface with the following details:

- File Menu:** File, Edit, Search, Source, Run, Debug, Consoles, Projects, Tools, Window, Help.
- Toolbar:** Includes icons for file operations like Open, Save, Print, and Run.
- Code Editor:** Displays a Python script named `m4p1 spyder code.py`. The script calculates meal costs with different tip percentages (15%, 18%, 20%). It includes comments and a timestamp of "Created on Wed Feb 25 19:16:30 2026".
- Console:** Shows the output of running the script. It includes three separate runs for 15% tip, 18% tip, and 20% tip, each showing the input cost and the calculated total.
- Status Bar:** Shows the path "...ktop\programming\module 4 spyder", the LSP: Python tool, and the current line and column information (Line 31, Col 41).
- System Tray:** Shows the date and time as 2/25/2026.

Spyder

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C:\Users\h3lsy\Desktop\programming\module 4 spyder\untitled1.py

m4p1 spyder code.py x untitled1.py*

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Wed Feb 25 19:06:25 2026
4
5 @author: adrian szylowski
6 """
7
8
9
10 pprice = float(input("what is your purchase price per share? "))
11 cprice = float(input("what is the current price per share? "))
12 quantity = int(input("how many shares are owned? "))
13
14 print(f"your net profit from your shares is {(cprice - pprice) * quantity} dollars")
15
16
17
18
19
20
```

Console 1/A x

In [11]: %runfile C:/Users/h3lsy/Desktop/programming/untitled0.py --wdir
first exam score: 70
second exam score: 90
your combined grade is 78.0

In [12]: %runfile 'C:/Users/h3lsy/Desktop/programming/module 4 spyder/untitled1.py' --wdir
what is your purchase price per share? 311.07
what is the current price per share? 320.67
how many shares are owned? 200
your net profit from your shares is -1920.000000000045 dollars

In [13]: %runfile 'C:/Users/h3lsy/Desktop/programming/module 4 spyder/untitled1.py' --wdir
what is your purchase price per share? 100
what is the current price per share? 200
how many shares are owned? 10
your net profit from your shares is 1000.0 dollars

In [14]: |

31°F Clear

Search

19:16 2/25/2026

Spyder

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C:\Users\h3lsy\Desktop\programming\untitled0.py

untitled0.py*

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Wed Feb 25 18:59:28 2026
4
5 @author: h3lsy
6 """
7
8 a = float(input("first exam score: "))
9 b = float(input("second exam score: "))
10
11 print(f"your combined grade is {(a * .6)+(b * .4)}")
```

Console 1/A x

In [11]: %runfile C:/Users/h3lsy/Desktop/programming/untitled0.py --wdir
first exam score: 70
second exam score: 90
your combined grade is 78.0

In [12]: |

31°F Clear

Search

19:05 2/25/2026