

Spyder

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C:\Users\h31sy\OneDrive\Desktop\programming\module 5 spyder\untitled5.py

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Feb 26 14:06:45 2026
4
5 @author: adrian szydlowski
6 """
7
8 name = input("Enter last name: ")
9 gincome = float(input("Enter your gross income: "))
10 dependants = int(input("How many dependants do you have: "))
11
12 agincome = gincome - (dependants * 12000)
13
14 if agincome > 50000:
15     tax = .2
16 else:
17     tax = .1
18
19 inctax = agincome * tax
20
21 if inctax <= 0:
22     inctax = 100
23
24 print(f"The gross income of {name} is {gincome}$ and taking \
25       f" into account {dependants} dependants the adjusted gross income" \
26       f" is {agincome}$ which ends up leaving {inctax}$ in taxes")
```

Console 1/A x

```
In [9]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled5.py' --wdir
Enter last name: Ski
Enter your gross income: 123456
How many dependants do you have: 4
The gross income of Ski is 123456.0$ and taking into account
4 dependants the adjusted gross income is 75456.0$ which ends
up leaving 0.2$ in taxes

In [10]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled5.py' --wdir
Enter last name: ski
Enter your gross income: 123456
How many dependants do you have: 4
The gross income of ski is 123456.0$ and taking into account
4 dependants the adjusted gross income is 75456.0$ which ends
up leaving 15091.2$ in taxes

In [11]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled5.py' --wdir
Enter last name: ski
Enter your gross income: 10
How many dependants do you have: 0
The gross income of ski is 10.0$ and taking into account 0
dependants the adjusted gross income is 10.0$ which ends up
leaving 1.0$ in taxes

In [12]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled5.py' --wdir
Enter last name: ski
Enter your gross income: 12000
How many dependants do you have: 1
The gross income of ski is 12000.0$ and taking into account 1
dependants the adjusted gross income is 0.0$ which ends up
leaving 100$ in taxes

In [13]:
```

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Spyder

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C:\Users\h31sy\OneDrive\Desktop\programming\module 5 spyder\untitled4.py

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Feb 26 13:48:14 2026
4
5 @author: adrian szydlowski
6 """
7
8 name = input("What is the name of your appliance? ")
9 acost= float(input("What is the cost of your appliance? "))
10
11 if acost > 1000:
12     warranty = acost *.1
13 else:
14     warranty = acost *.05
15 total = (1 + warranty) * acost
16
17 print(f"The cost of {name} is {acost} and the cost of the warranty is" \
18       f" {warranty}$ for a total of {total}$")
```

Console 1/A x

```
For your order of 10 books at 5.01$ per book your extended
cost is 50.099999999999994$ and your shipping is 0$ for a
total of 50.099999999999994$

In [7]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled4.py' --wdir
What is the name of your appliance? r2d2
What is the cost of your appliance? 200
The cost of r2d2 is 200.0 and the cost of the warranty is
10.0$ for a total of 2200.0$

In [8]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled4.py' --wdir
What is the name of your appliance? c3p0
What is the cost of your appliance? 2000
The cost of c3p0 is 2000.0 and the cost of the warranty is
200.0$ for a total of 402000.0$

In [9]:
```

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Spyder

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...ktop\programming\module 5 spyder

C:\Users\h31sy\OneDrive\Desktop\programming\module 5 spyder\untitled2.py

```
m5p2 spyder code.py x untitled2.py x
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Feb 26 13:36:14 2026
4
5 @author: adrian szydlowski
6 """
7
8 quantity = int(input('How many books would you like to order? '))
9 bcost = float(input("How much does each book cost? "))
10
11 ecost = quantity * bcost
12
13 if ecost <= 50.00:
14     shipping = 25.00
15 else:
16     shipping = 0
17
18 if ecost <= 50.00:
19     tcost = ecost + shipping
20 else:
21     tcost = ecost
22
23 print(f"For your order of {quantity} books at {bcost}$ per book your\
24 f" extended cost is {ecost}$ and your shipping is {shipping}$ for a" \
25 f" total of {tcost}$")
26
27
28
29
30
31
32
33
34
35
```

Console 1/A x

```
python3 module 5 spyder/untitled2.py --wdir
How many books would you like to order? 10
How much does each book cost? 2
For your order of 10 books at 2$ per book your extended cost
is 20$ and your shipping is 25.0$ for a total of 45.0$

In [5]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled2.py' --wdir
How many books would you like to order? 10
How much does each book cost? 5.01
-----
ValueError                                Traceback (most
recent call last)
File c:\users\h31sy\onedrive\desktop\programming\module 5
spyder\untitled2.py:9
2 """
3 Created on Thu Feb 26 13:36:14 2026
4
5 @author: adrian szydlowski
6 """
8 quantity = int(input('How many books would you like
to order? '))
----> 9 bcost = int(input("How much does each book cost? "))
11 ecost = quantity * bcost
13 if ecost <= 50.00:
ValueError: invalid literal for int() with base 10: '5.01'

In [6]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 5 spyder/untitled2.py' --wdir
How many books would you like to order? 10
How much does each book cost? 5.01
For your order of 10 books at 5.01$ per book your extended
cost is 50.099999999999994$ and your shipping is 0$ for a
total of 50.099999999999994$

In [7]:
```

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Spyder

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...ktop\programming\module 4 spyder

C:\Users\h31sy\OneDrive\Desktop\programming\module 4 spyder\untitled1.py

```
untitled1.py x
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Feb 26 13:13:29 2026
4
5 @author: adrian szydlowski
6 """
7
8 item = input("select an item (A or B): ").upper()
9
10 quantity = int(input("Enter item quantity: "))
11
12 if item == "A":
13     eprice = quantity * 10.00
14 else:
15     eprice = quantity * 20.00
16
17 if item == "A":
18     uprice = 10.00
19 else:
20     uprice = 20.00
21
22 print(f"The unit price for item {item} is {uprice}$ and" \
23 f" the extended price is {eprice}$")
24
25
```

Console 1/A x

```
In [1]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 4 spyder/untitled0.py' --wdir
Enter your quantity: 10500
Your order of 10500.0 items at 3.0$ per item comes out to
31500.0$ and after a tax of 2205.0$ your total comes out to
33705.0$

In [2]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 4 spyder/untitled1.py' --wdir
select an item (A or B): item not A
Enter item quantity: 100
The unit price for item ITEM NOT A is 20.0$ and the extended
price is 2000.0$

In [3]:
```

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Spyder

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...ktop\programming\module 4 spyder

C:\Users\h31sy\OneDrive\Desktop\programming\module 4 spyder\untitled0.py

```
untitled0.py* *
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Feb 26 13:00:36 2026
4
5 @author: adrian szydlowski
6 """
7
8 quantity = float(input("Enter your quantity: "))
9
10 if quantity <= 1000:
11     price = 5.00
12 else:
13     price = 3.00
14
15 eprice = price * quantity
16
17 total = eprice * 1.07
18
19 print(f"Your order of {quantity} items at {price}$ per item comes out to {eprice}$ "
20       f"and after a tax of {eprice * .07}$ your total comes out to {total}$")
21
22
23
24
25
26
27
28
29
```

Console 1/A x

```
In [1]: %runfile 'C:/Users/h31sy/OneDrive/Desktop/
programming/module 4 spyder/untitled0.py' --wdir
Enter your quantity: 10500
Your order of 10500.0 items at 3.0$ per item comes out to
31500.0$ and after a tax of 2205.0$ your total comes out to
33705.0$

In [2]:
```

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