

Python3.py - C:/Users/wprado/Desktop/Python/test/Python3.py (3.13.4)

```
File Edit Format Run Options Window Help
1 wage = float(input('what is your hourly salaray?'))
2
3 hours = float(input("How many hours did you work this week?"))
4
5 salary = wage * hours
6
7 bonus= 1200.0
8
9 pay = salary + bonus
10
11
12 print('Your pay is', pay)
13
```

IDLE Shell 3.13.4

```
File Edit Shell Debug Options Window Help
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit
(AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
===== RESTART: C:/Users/wprado/Desktop/Python/test/Python3.py =====
=
what is your hourly salaray?
```



```
1 sales_price = 55
2 original_price = float(input("Enter the item's original price:"))
3 discount = original_price * 0.2
4 sales_price = original_price - discount
5 print('The sale price is $', sales_price)
```

```
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (AMD64)] on win32
```

```
Enter "help" below or click "Help" above for more information.
```

>>>

```
===== RESTART: C:/Users/wprado/Desktop/Python/test/Python3a.py =====
```

```
Enter the item's original price:55.
```

```
The sale price is $ 44.0
```

>>>


```
2025-06-12 Python_chpt_3- password.py - C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3-...
File Edit Format Run Options Window Help
1 #Python program compares two strings
2 #prompt the user to enter a password
3 #determine whether the string entered
4 #is equal to "Pa$$w0rd":
5
6 password = input('What is your password?:')
7
8
9 if password == 'Pa$$w0rd':
10     print('Password accepted')
11 else:
12     print('Incorrect password.')
13
14
```

```
IDLE Shell 3.13.4
File Edit Shell Debug Options Window Help
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.

>>> = RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3- password.py
What is your password?:AbC12a3b2c4c
Incorrect password.

>>> = RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3- password.py
What is your password?:Pa$$w0rd
Password accepted

>>> |
```

Activate Windows
Go to Settings to activate Windows

```

1 #determine whether bank customer
2 #qualifies for a loan.
3
4 min_salary=30000.0      #minimum annual salary
5 min_years=2            #minimum years on the job
6
7 salary = float(input('Enter your annual salary:'))
8 years_on_job = int(input('Enter number of' + ' years employed:'))
9
10 if salary >= min_salary:
11     if years_on_job >= min_years:
12         print('You qualify for the loan.')
13     else:
14         print('You must have been employed',\
15               'for at least', min_years, \
16               'years to qualify.')
17
18 else:
19     print('You must earn at least $',\
20           format(min_salary, '.,.2f'),\
21           'per year to qualify.')
22

```

```

Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (AMD64)] on
win32
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>>> = RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3- loan qualifi
cation.py
Enter your annual salary:105,750
Traceback (most recent call last):
  File "C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3- loan qualificat
ion.py", line 7, in <module>
    salary = float(input('Enter your annual salary:'))
ValueError: could not convert string to float: '105,750'

>>> = RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12 Python_chpt_3- loan qualifi
cation.py
Enter your annual salary:175050
Enter number of years employed:6
You qualify for the loan.

>>>

```



```
1 #Get the first, second, and third test scores
2 #Calculate the average
3 #Display the average
4 #If the average is greater than 95 then Congratulate the user high_score=95
5 high_score=95
6 score1=int(input('What is the first test score:'))
7 score2=int(input('What is the second test score:'))
8 score3=int(input('What is the third test score:'))
9 average=(score1 + score2 + score3)/3
10 print('The average score is:', average)
11 if average>= high_score:
12     print('Congratulations!')
13     print('That is great average score!')
14
```

```
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>>>
===== RESTART: C:/Users/wprado/Desktop/Python/test/Python_chpt_3_1.py =====
What is the first test score:92
What is the second test score:87
What is the third test score:93
The average score is: 90.66666666666667

>>>
```

```
1 #Example - payroll
2 #if an Employee works more than 40 hours
3 #calculate and display the gross pay with overtime.
4 #if an Employee works 40 hours or less
5 #calculate and display the gross pay as usual
6 #payrate is $15/hour; overtime is "time & 1/2" (1.5)
7
8 standard_hours = 40          #base hours worked per week
9 ot_multi = 1.5              #overtime multiplier
10
11 pay_rate = float(input('Enter your hourly pay_rate: '))
12 hours = float(input('Enter the number of hours you worked: '))
13
14 if standard_hours < hours:
15     standard_pay = standard_hours * pay_rate
16     ot_hours = hours - standard_hours
17     ot_pay = (ot_hours * pay_rate) * ot_multi
18     gross_pay = standard_pay + ot_pay
19     print('The gross pay is: $', gross_pay)
20 else:
21     gross_pay = hours * pay_rate
22     print('The gross pay is:', gross_pay)
```

```
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MSC v.1943 64 bit (
AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
==== RESTART: C:/Users/wprado/Desktop/Python/test/Python_chpt_3- payroll.py ====
Enter your hourly pay_rate: 15.25
Enter the number of hours you worked: 58
The gross pay is: $ 1021.75
>>>
```



```
1 #enter a test score and display the grade for that score
2 A_score = 90
3 B_score = 80
4 C_score = 70
5 D_score = 60
6 score = int(input('Enter your test score:'))
7 if score >= A_score:
8     print('You grade is A.')
9 else:
10     if score >= B_score:
11         print('Your grade is B.')
12     else:
13         if score >= C_score:
14             print('Your grade is C')
15         else:
16             if score >= D_score:
17                 print('Your grade is D.')
18             else:
19                 print('Your grade is F.')
```

```
Python 3.13.4 (tags/v3.13.4:8a526ec, Jun 3 2025, 17:46:04) [MS
C v.1943 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.

>>>
= RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12
Python_chpt_3- hwk - lab.py
What is your age?1
You are a cybersecurity expert!!!
Type a number23
Your number is inside the range

>>>
= RESTART: C:/Users/wprado/Desktop/Python/Chapter 3/2025-06-12
Python_chpt_3- test scores.py
Enter your test score:87
Your grade is B.

>>>
```