

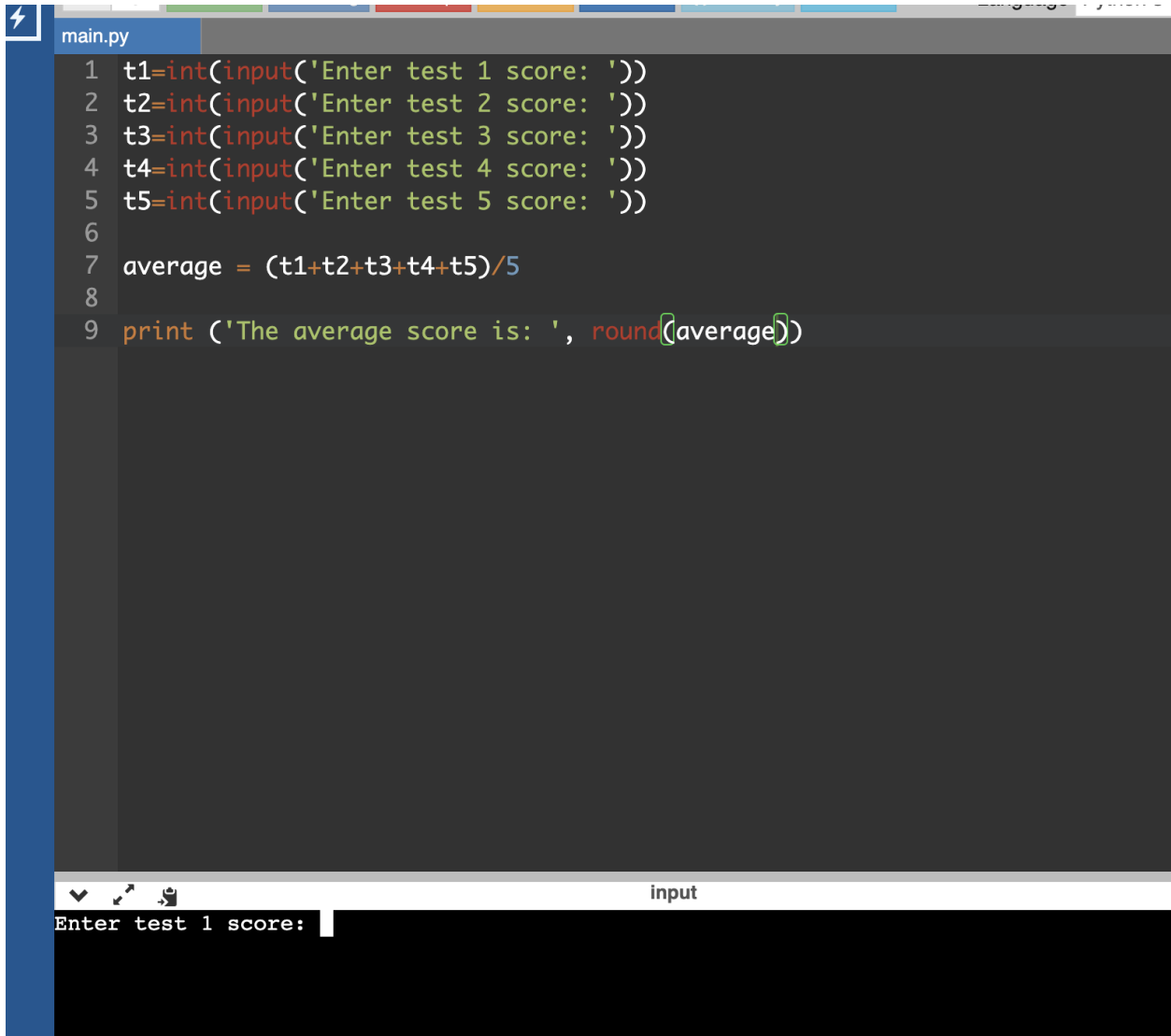
main.py

```
1 monthly_pay = 88000.0
2 gross_salary = monthly_pay * .10
3 print('Your gross salary is $', \
4       format(gross_salary, '.2f'), \
5       sep='')
```

input

Your gross salary is \$8,800.00

...Program finished with exit code 0
Press ENTER to exit console.



The image shows a code editor window with a file named 'main.py'. The code is a Python script that prompts the user to enter five test scores, calculates their average, and prints the result. The code is as follows:

```
1 t1=int(input('Enter test 1 score: '))
2 t2=int(input('Enter test 2 score: '))
3 t3=int(input('Enter test 3 score: '))
4 t4=int(input('Enter test 4 score: '))
5 t5=int(input('Enter test 5 score: '))
6
7 average = (t1+t2+t3+t4+t5)/5
8
9 print ('The average score is: ', round(average))
```

Below the code editor, there is a terminal window. The prompt 'Enter test 1 score:' is visible, followed by a cursor. The terminal title bar shows 'input'.

main.py

```
1 first_name = input('What is your first name?: ')
2 last_name= input('What is your last name?: ')
3 age = int(input('What is your age?: '))
4
5
6 # Display the data.
7 print('Here is the data you entered: ')
8 print('First name: ', first_name)
9 print('Last name: ', last_name)
10 print('Age: ', age)
11
```



input

```
Here is the data you entered:
First name:  Jason
Last name:   Sim
Age:  45
```

main.py

```
1 sales= float(input("Enter sales: "))
2 commission=0.0
3
4 message="Commission: "
5
6 if sales > 50000 and sales <= 60000:
7     commission = sales*0.1
8 elif sales > 70000 and sales <= 80000:
9     commission = sales*0.2
10 elif sales > 90000 and sales <= 100000:
11     commission = sales*0.3
12
13 message += "$" + format(commission, ',.2f')
14
15 print(message)
```

input

Enter sales: 55000
Commission: \$5,500.00

...Program finished with exit code 0
Press ENTER to exit console.


```

main.py
1 def main():
2     score_1 = int(input('Enter the first score: '))
3     score_2 = int(input('Enter the second score: '))
4     score_3 = int(input('Enter the third score: '))
5     score_4 = int(input('Enter the fourth score: '))
6     average = calc_average(score_1, score_2, score_3, score_4)
7     for score in range(1, 6):
8         if score == 1:
9             first_grade = determine_grade(score_1)
10        elif score == 2:
11            second_grade = determine_grade(score_2)
12        elif score == 3:
13            third_grade = determine_grade(score_3)
14        elif score == 4:
15            fourth_grade = determine_grade(score_4)
16        print()
17        print('Test\tScore\tGrade')
18        print('=====')
19        print('Test1\t', score_1, '\t', first_grade)
20        print('Test2\t', score_2, '\t', second_grade)
21        print('Test3\t', score_3, '\t', third_grade)
22        print('Test4\t', score_4, '\t', fourth_grade)
23        print()
24        print('The average score is:', format(average, '.1f'))
25 def calc_average(score_1, score_2, score_3, score_4,):
26     avg = (score_1 + score_2 + score_3 + score_4) / 4
27     return avg
28 def determine_grade(score):
29     if score >= 90 and score <= 100:
30         return 'A'
31     elif score >= 80 and score < 90:
32         return 'B'
33     elif score >= 70 and score < 80:
34         return 'C'
35     elif score >= 60 and score < 70:
36         return 'D'
37     elif score <= 60:
38         return 'F'
39     else:
40         return 'Invalid Score !!!'
41 main()

```

input

```

Enter the first score: 98
Enter the second score: 99
Enter the third score: 95
Enter the fourth score: 92

```

```

Test    Score    Grade
=====
Test1    98        A
Test2    99        A
Test3    95        A
Test4    92        A

```

```

The average score is: 96.0

```

main.py

```
21 print('Test3\t', score_3, '\t', third_grade)
22 print('Test4\t', score_4, '\t', fourth_grade)
23 print()
24 print('The average score is:', format(average, '.1f'))
25 def calc_average(score_1, score_2, score_3, score_4,):
26     avg = (score_1 + score_2 + score_3 + score_4) / 4
27     return avg
28 def determine_grade(score):
29     if score >= 90 and score <= 100:
30         return 'A'
31     elif score >= 80 and score < 90:
32         return 'B'
33     elif score >= 70 and score < 80:
34         return 'C'
35     elif score >= 60 and score < 70:
36         return 'D'
37     elif score <= 60:
38         return 'F'
39     else:
40         return 'Re-enter scores.'
41 main()
```

input

Enter the first score: 102
Enter the second score: 103
Enter the third score: 101
Enter the fourth score: 104

Test	Score	Grade
Test1	102	Re-enter scores.
Test2	103	Re-enter scores.
Test3	101	Re-enter scores.
Test4	104	Re-enter scores.

The average score is: 102.5

main.py

```
1 sum = 0.0
2
3 print('Enter a series of +VE numbers or enter -VE numbers to cancel', end='')
4
5 number = int(input(': '))
6
7 while number > 0:
8     sum += number
9     print('Enter more positive numbers', end='')
10
11     number = int(input(': '))
12
13 print(f'Total: {sum}')
```

input

```
Enter more positive numbers: 7
Enter more positive numbers: 6
Enter more positive numbers: 5
Enter more positive numbers: 4
Enter more positive numbers: 3
Enter more positive numbers: 2
Enter more positive numbers: 1
Enter more positive numbers: 0
Total: 55.0
```