Time taken	1 hour 29 mins
Marks	6.00/6.00
Grade	**100.00** out of 100.00

10.9

Sample Output:

10,<class 'int'>

10.9,<class 'float'>

For example:

Input	Result
10 10.9	10,<class 'int'> 10.9,<class 'float'>

Answer: (penalty regime: 0 %)

```
a=int(input())
print(a,type(a),sep=",")
b=float(input())
print(round(b,1),type(b),sep=",")

```

	Input	Expected	Got	
✓	10 10.9	10,<class 'int'> 10.9,<class 'float'>	10,<class 'int'> 10.9,<class 'float'>	✓
✓	12 12.5	12,<class 'int'> 12.5,<class 'float'>	12,<class 'int'> 12.5,<class 'float'>	✓
✓	89 7.56	89,<class 'int'> 7.6,<class 'float'>	89,<class 'int'> 7.6,<class 'float'>	✓
✓	55000 56.2	55000,<class 'int'> 56.2,<class 'float'>	55000,<class 'int'> 56.2,<class 'float'>	✓

10000

Sample Output:

16000

For example:

Input	Result
10000	16000

Answer: (penalty regime: 0 %)

```
basic_salary = int(input())
dearness_allowance=(0.4*basic_salary)
rent_allowance=(0.2*basic_salary)
gross_salary=basic_salary+dearness_allowance+rent_allowance
print(gross_salary)
```

	Input	Expected	Got	
✓	10000	16000	16000.0	✓
✓	20000	32000	32000.0	✓
✓	28000	44800	44800.0	✓
✓	5000	8000	8000.0	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

8.00

Sample Output:

2.828

For example:

Input	Result
14.00	3.742

Answer: (penalty regime: 0 %)

```
a=float(input())
b=a**0.5
print(round(b,3))
```

	Input	Expected	Got	
✓	8.00	2.828	2.828	✓
✓	14.00	3.742	3.742	✓
✓	4.00	2.000	2.0	✓
✓	487	22.068	22.068	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

The first line contains the Rs X

The second line contains Rs Y

The third line contains Rs Z

Sample Input:

10000

250

15000

Sample Output:

46.34 is the gain percent.

For example:

Input	Result
45500 500 60000	30.43 is the gain percent.

Answer: (penalty regime: 0 %)

```
x=int(input())
y=int(input())
z=int(input())
a=x+y
b=z-a
c=(b/a)*100
print(f'{c:.2f} is the gain percent.')
```

	Input	Expected	Got	
✓	10000 250 15000	46.34 is the gain percent.	46.34 is the gain percent.	✓

	18000			

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

displays exactly two decimal places.

Sample Input

10

20

Sample Output

Your total refund will be $6.00.

For example:

Input	Result
20 20	Your total refund will be $7.00.

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
c=a*0.10
d=b*0.25
z=c+d
print("Your total refund will be $" + "%.2f"%z,end=".")
```

	Input	Expected	Got	
✓	20 20	Your total refund will be $7.00.	Your total refund will be $7.00.	✓
✓	11 22	Your total refund will be $6.60.	Your total refund will be $6.60.	✓
✓	123 200	Your total refund will be $62.30.	Your total refund will be $62.30.	✓

If the final result(hrs) are in -ve convert that to +ve using abs() function

The `abs()` function returns the absolute value of the given number.

```
number = -20
absolute_number = abs(number)
print(absolute_number)
# Output: 20
```

Sample Input:

450

Sample Output:

weekdays 10.38

weekend 0.38

For example:

Input	Result
450	weekdays 10.38 weekend 0.38

Answer: (penalty regime: 0 %)

```
def calculate_work_hours(total_salary):
    weekday_wage = 50
    weekend_wage = 80
    hours_difference = 10
    total_wage = weekday_wage + weekend_wage
    weekend_hours =abs((total_salary-weekday_wage*hours_difference)/total_wage)
    weekday_hours = weekend_hours + hours_difference
    return weekday_hours,weekend_hours

total_salary = int(input())
weekday_hours,weekend_hours=calculate_work_hours(total_salary)

print(f"weekdays {weekday_hours:.2f}")
print(f"weekend {weekend_hours:.2f}")
```

✓	6789	weekdays 58.38 weekend 48.38	weekdays 58.38 weekend 48.38	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

◄ Week1_Quiz

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Operators ►