Started on	Thursday, 15 December 2022, 10:50 PM
State	Finished
Completed on	Thursday, 15 December 2022, 11:27 PM
Time taken	36 mins 43 secs
Grade	**10.00** out of 10.00 (**100**%)

Question **1**

Correct

Mark 2.00 out of 2.00

Write a python program for the following problem statement

Read two integers from STDIN and print three lines where:

1. The first line contains the sum of the two numbers.
2. The second line contains the difference of the two numbers (first - second).
3. The third line contains the product of the two numbers.

For example:

Input	Result
9 4	13 5 36

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
print(a+b)
print(a-b)
print(a*b)
```

	Input	Expected	Got	
✔	9 4	13 5 36	13 5 36	✔
✔	10 3	13 7 30	13 7 30	✔

Passed all tests! ✔

Question author's solution (Python3):

```
a = int(input())
b = int(input())
    # Arithmetic Operators in Python - Hacker Rank Solution S
print(a+b)
print(a-b)
print(a*b)
```

Correct

Marks for this submission: 2.00/2.00.

Question **2**

Correct

Mark 2.00 out of 2.00

write a program to find Time taken by the car to cover the given distance(km) and s

For example:

Input	Result
100 50.00	Time taken is 2.00hr

Answer: (penalty regime: 0 %)

```
dist=float(input())
speed=float(input())
time=dist/speed
print("Time taken is {:.2f}hr".format(time))

```

	Input	Expected	Got	
✔	1000.50 125.06	Time taken is 8.00hr	Time taken is 8.00hr	✔
✔	100 50.00	Time taken is 2.00hr	Time taken is 2.00hr	✔
✔	800.25 133.38	Time taken is 6.00hr	Time taken is 6.00hr	✔

Passed all tests! ✔

Question author's solution (Python3):

```
1 dist=float(input())
2 speed=float(input())
3 time=dist/speed
4 print("Time taken is {:.2f}hr".format(time))
```

Correct

Marks for this submission: 2.00/2.00.

Question **3**

Correct

Mark 2.00 out of 2.00

Write a python program to perform bitwise and or on the given integer values.

For example:

Input	Result
4 5	4 5

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
print(a&b)
print(a|b)
```

	Input	Expected	Got	
✔	4 5	4 5	4 5	✔
✔	12 16	0 28	0 28	✔

Passed all tests! ✔

Question author's solution (Python3):

```
a=int(input())
b=int(input())
print(a&b)
print(a|b)
```

Correct

Marks for this submission: 2.00/2.00.

Question **4**

Correct

Mark 2.00 out of 2.00

Write a Python program to find Compound interest,get the principle,time and rate c

Answer: (penalty regime: 0 %)

```
p=float(input())
t=float(input())
r=float(input())
a=p*(pow((1+r/100),t))
print("Compound interest : {:.2f}".format(a))
```

	Input	Expected	Got	
✔	1000 2 5	Compound interest : 1102.50	Compound interest : 1102.50	✔
✔	4000 5.5 6.7	Compound interest : 5714.32	Compound interest : 5714.32	✔

	Input	Expected	Got	
✔	3000 4 5	Compound interest : 3646.52	Compound interest : 3646.52	✔
✔	5000 6.6 7	Compound interest : 7814.53	Compound interest : 7814.53	✔

Passed all tests! ✔

Question author's solution (Python3):

```
p = float(input())

t = float(input())

r = float(input())

ci =  p * (pow((1 + r / 100), t))

print("Compound interest : {:.2f}".format(ci))
```

Correct

Marks for this submission: 2.00/2.00.

Question **5**

Correct

Mark 2.00 out of 2.00

Write a python program using the assignment operator /=,%= on the given values.

For example:

Input	Result
10 2 3	0.2 3

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
c=int(input())
print(b/a)
print(c)
```

	Input	Expected	Got	
✔	10 2 3	0.2 3	0.2 3	✔
✔	25 3 5	0.12 5	0.12 5	✔

Passed all tests! ✔

Question author's solution (Python3):

```
a=int(input())
b=int(input())
c=int(input())
b/=a
c%=a
print(b)
print(c)
```

Correct

Marks for this submission: 2.00/2.00.