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Challenging Task-Peer Assessment 1

Find the average of five different subject marks.

Sample Input:

Subject 1: 66

Subject 2: 77

Subject 3: 88

Subject 4: 99

Subject 5: 55

Sample Output:

77

```
sub1=int(input("Enter Subject 1 marks: "))
sub2=int(input("Enter Subject 2 marks: "))
sub3=int(input("Enter Subject 3 marks: "))
sub4=int(input("Enter Subject 4 marks: "))
sub5=int(input("Enter Subject 5 marks: "))
avg= (sub1+sub2+sub3+sub4+sub5)//5
print("Average of 5 subjects:",avg)
```

```
✓ 12s ▶ sub1=int(input("Enter Subject 1 marks: "))
sub2=int(input("Enter Subject 2 marks: "))
sub3=int(input("Enter Subject 3 marks: "))
sub4=int(input("Enter Subject 4 marks: "))
sub5=int(input("Enter Subject 5 marks: "))
avg= (sub1+sub2+sub3+sub4+sub5)//5
print("Average of 5 subjects:",avg)
```

```
Enter Subject 1 marks: 66
Enter Subject 2 marks: 77
Enter Subject 3 marks: 88
Enter Subject 4 marks: 99
Enter Subject 5 marks: 55
Average of 5 subjects: 77
```

Challenging Task-Peer Assessment 2

Convert the temperature in celsius to fahrenheit.

Sample Input:

Celsius = 30

Sample Output: 86

```
celsius=float(input("Enter the Celsius reading: "))
```

```
fahrenheit=(celsius * 9/5) + 32
```

```
print("Fahrenheit reading:",fahrenheit)
```

```
✓ 3s ▶ celsius=float(input("Enter the Celsius reading: "))
fahrenheit=(celsius * 9/5) + 32
print("Fahrenheit reading:",fahrenheit)
```

```
Enter the Celsius reading: 30
Fahrenheit reading: 86.0
```

Challenging Task-Peer Assessment3

Write a program to do exchange of two numbers using addition and subtraction without using temporary variables.

Sample Input:

a=150

b=270

Sample Output:

a=270

b=150

```
a=int(input("Enter the value of a: "))
```

```
b=int(input("Enter the value of b: "))
```

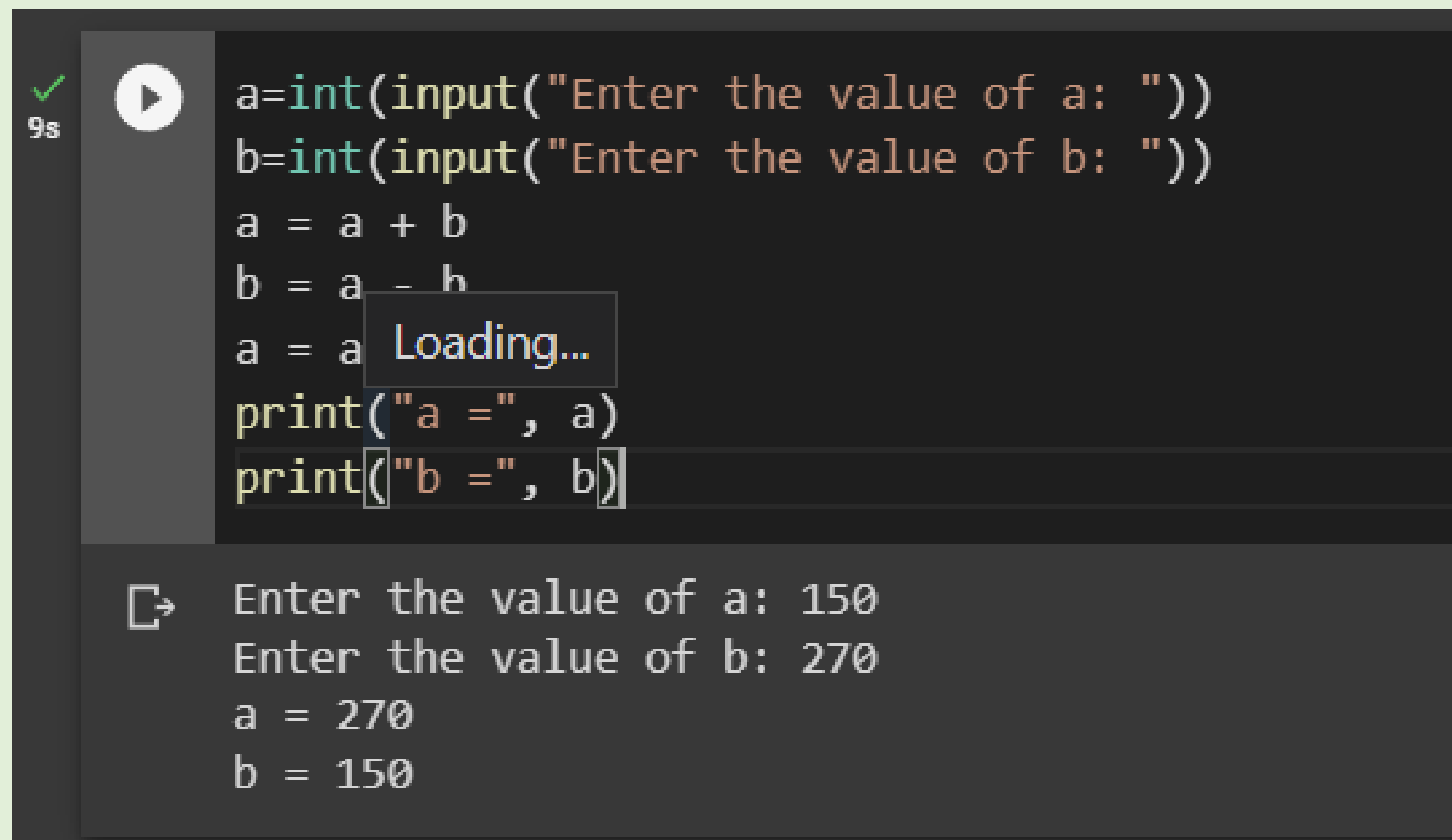
```
a = a + b
```

```
b = a - b
```

```
a = a - b
```

```
print("a =", a)
```

```
print("b =", b)
```



```
a=int(input("Enter the value of a: "))
b=int(input("Enter the value of b: "))
a = a + b
b = a - b
a = a - b
print("a =", a)
print("b =", b)
```

Enter the value of a: 150
Enter the value of b: 270
a = 270
b = 150

Challenging Task-Peer Assessment 4

Write a program to do exchange of two numbers using bitwise operators.

Sample Input:

a=150

b=270

Sample Output:

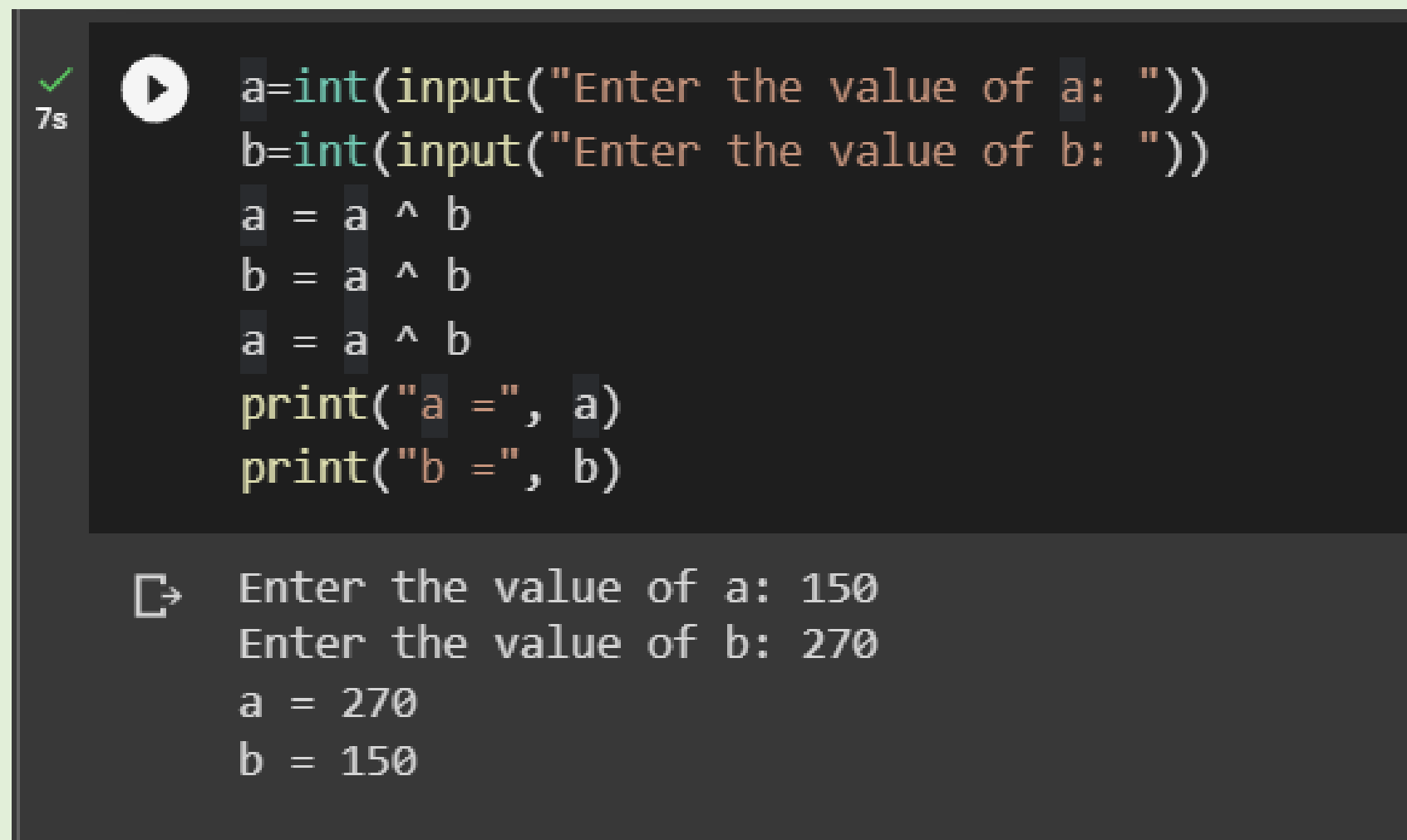
a=270

b=150

```
a=int(input("Enter the value of a: "))
```

```
b=int(input("Enter the value of b: "))
```

```
a = a ^ b
b = a ^ b
a = a ^ b
print("a =", a)
print("b =", b)
```



The screenshot shows a code editor with a dark background. On the left, there is a green checkmark and the text '7s'. The code in the editor is as follows:

```
a=int(input("Enter the value of a: "))
b=int(input("Enter the value of b: "))
a = a ^ b
b = a ^ b
a = a ^ b
print("a =", a)
print("b =", b)
```

Below the code, the execution output is shown:

```
Enter the value of a: 150
Enter the value of b: 270
a = 270
b = 150
```

Challenging Task-Peer Assessment 5

Find the given number is even.

Sample Input:

a=100

Sample Output: The number is even

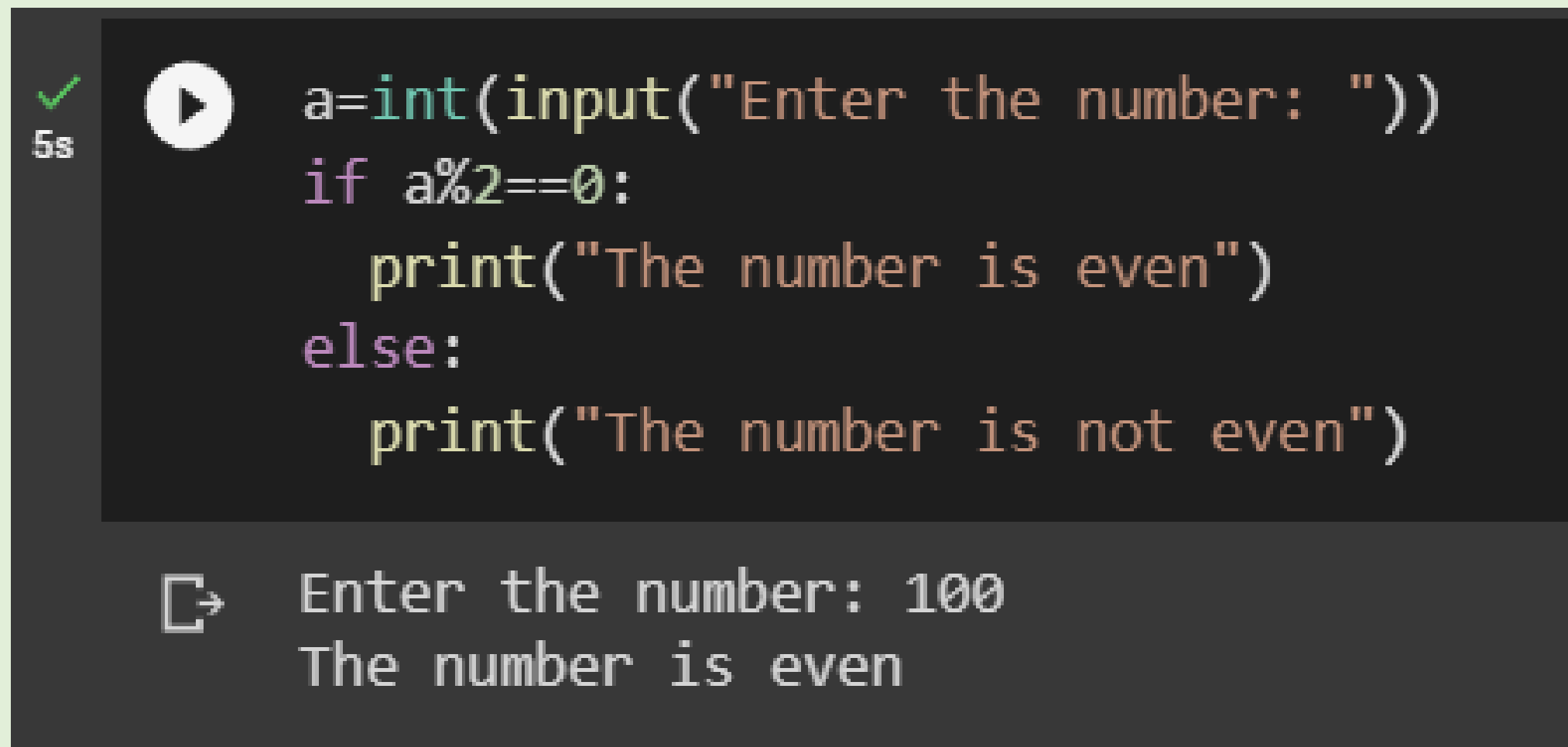
```
a=int(input("Enter the number: "))
```

```
if a%2==0:
```

```
    print("The number is even")
```

else:

```
print("The number is not even")
```



The image shows a code execution interface. On the left, there is a green checkmark and the text '5s'. To the right of this is a play button icon. The main area contains a Python script:

```
a=int(input("Enter the number: "))  
if a%2==0:  
    print("The number is even")  
else:  
    print("The number is not even")
```

 Below the script, there is a terminal window showing the input 'Enter the number: 100' and the output 'The number is even'.

Challenging Task-Peer Assessment 6

Print the last digit of the given number.

Sample Input: 256

Sample Output: 6

```
a=int(input("Enter the number: "))
```

```
last_digit = a % 10
```

```
print("The last digit of the number is:", last_digit)
```

✓
9s



```
a=int(input("Enter the number: "))  
last_digit = a % 10  
print("The last digit of the number is:", last_digit)
```



```
Enter the number: 256  
The last digit of the number is: 6
```

Challenging Task-Peer Assessment 7

Verify the given number is divisible by 5.

Sample Input: 255

Sample Output: The number is divisible by 5

```
a=int(input("Enter the number: "))
if a%5==0:
    print("The number is divisible by 5")
else:
    print("The number is not divisible by 5")
```

✓
4s



```
a=int(input("Enter the number: "))
if a%5==0:
    print("The number is divisible by 5")
else:
    print("The number is not divisible by 5")
```



```
Enter the number: 255
The number is divisible by 5
```