

PROGRAM-4

CODE:

```
a=int(input("Enter 1st input:"))
b=int(input("Enter 2nd input:"))
if((a==1 and b==1) or (a==0 and b==0)):
    print("XOR output is 0")
elif((a==1 and b==0) or (a==0 and b==1)):
    print("XOR output is 1")
else:
    print("Wrong Input")
```

OUTPUT:

```
Enter 1st input:1
Enter 2nd input:0
XOR output is 1
>>>
===== RESTART: D:/Python Programs/Program4.py =
Enter 1st input:1
Enter 2nd input:1
XOR output is 0
>>>
===== RESTART: D:/Python Programs/Program4.py =
Enter 1st input:2
Enter 2nd input:3
Wrong Input
>>> |
```

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