

pythonProject

pythonproject.py

pythonProject

pythonproject.py

1a = int(input("Enter the Lower Range: "))
2b = int(input("Enter the Upper Range: "))
3c = 0
4d = 0
5if a > b:
6 n = input("type Yes else No")
7 if n == "Yes":
8 temp = b
9 b = a
10 a = temp
11for i in range(a, b+1):
12 a = i
13 n = 0
14 for j in range(2, a):
15 if a % j == 0:
16 n = 1
17 c += 1
18 print(a,"is Composite Number")
19 break
20 if n == 0:
21 print(a,"is Prime Number")
22 d += 1
23if n == "No":
24 pass
25else:
26 print("There are",d,"Prime numbers and",c,"Composite numbers in the given range.")
27

1 6 ^ v

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pythonProject > pythonproject.py

pythonproject.py X

```
1 a = int(input("Enter the Lower Range: "))
2 b = int(input("Enter the Upper Range: "))
3 c = 0
4 d = 0
5 if a > b:
6     n = input("type Yes else No")
7     if n == "Yes":
8         temp = b
9         b = a
10        a = temp
11 for i in range(a, b+1):
12     a = i
13     n = 0
14     for j in range(2, a):
15         if a % j == 0:
16             n = 1
17             c += 1
18     print(a, "is Composite Number")
19     break
```

for i in range(a, b+1) for j in range(2, a) if a % j == 0

Run: pythonproject X

Enter the Lower Range: 2

Enter the Upper Range: 5

2 is Prime Number

3 is Prime Number

4 is Composite Number

5 is Prime Number

There are 3 Prime numbers and, 1 Composite numbers in the given range.

Process finished with exit code 0

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