

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic_Building - show number.py

Logic_Building > show number.py

show number.py x

```
1 n = int(input("Enter number:- "))
2 if n%2==0:
3     print("The given number", n,'is even number')
4 else:
5     print("The given number", n, ' is odd number')
```

else

Run: show number

Run

Enter number:- 40

The given number 40 is even number

Process finished with exit code 0

Version ControlRunTODOProblemsPython PackagesPython ConsoleTerminal

PEP 8: W292 no newline at end of file6:1CRLFUTF-84 spacesPython 3.10 (Leet Code)

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic_Building - Prime_Number.py

Logic_BuildingPrime_Number.py

Project

Prime_Number.py

```
1 n = int(input("Enter number:- "))
2 count = 0
3 for i in range(1,n+1):
4     if n%i==0:
5         count+=1
6     if count==2:
7         print("The given number is prime number")
8 else:
9     print("The given number is not prime number")
10
```

5

Run: Prime_Number

```
C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe D:/Logic_Building/Prime_Number.py
Enter number:- 17
The given number is prime number

Process finished with exit code 0
```

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6:1CRLFUTF-84 spacesPython 3.10 (Leet Code)

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic_Building - Perfect_number.py

Logic_Building > Perfect_number.py

Perfect_number.py x

Project

1n = int(input("Enter your number:- "))
2count = 0
3ans = 1
4for i in range(1, n+1):
5 if i*i==n:
6 ans=i
7 count+=1
8 if count==1:
9 print('The given number is perfect number which square of', ans)
10 else:
11 print("The given number is not perfect number")

6 ^ v

for i in range(1, n+1)if i*i==n

Run: Perfect_number x

C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe D:/Logic_Building/Perfect_number.py
Enter your number:- 45
The given number is not perfect number

Process finished with exit code 0

StructureBookmarks

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6:1CRLFUTF-84 spacesPython 3.10 (Leet Code)

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic_Building - Fibonacci series.py

Logic_Building > Fibonacci series.py

Fibonacci series.py

```
1 n = int(input("Enter number:- "))
2 a = 0
3 b = 1
4 sum = a+b
5 print(0)
6 print(1)
7 for i in range(n-2):
8     print(sum)
9     a = b
10    b = sum
11    sum=a+b
12
```

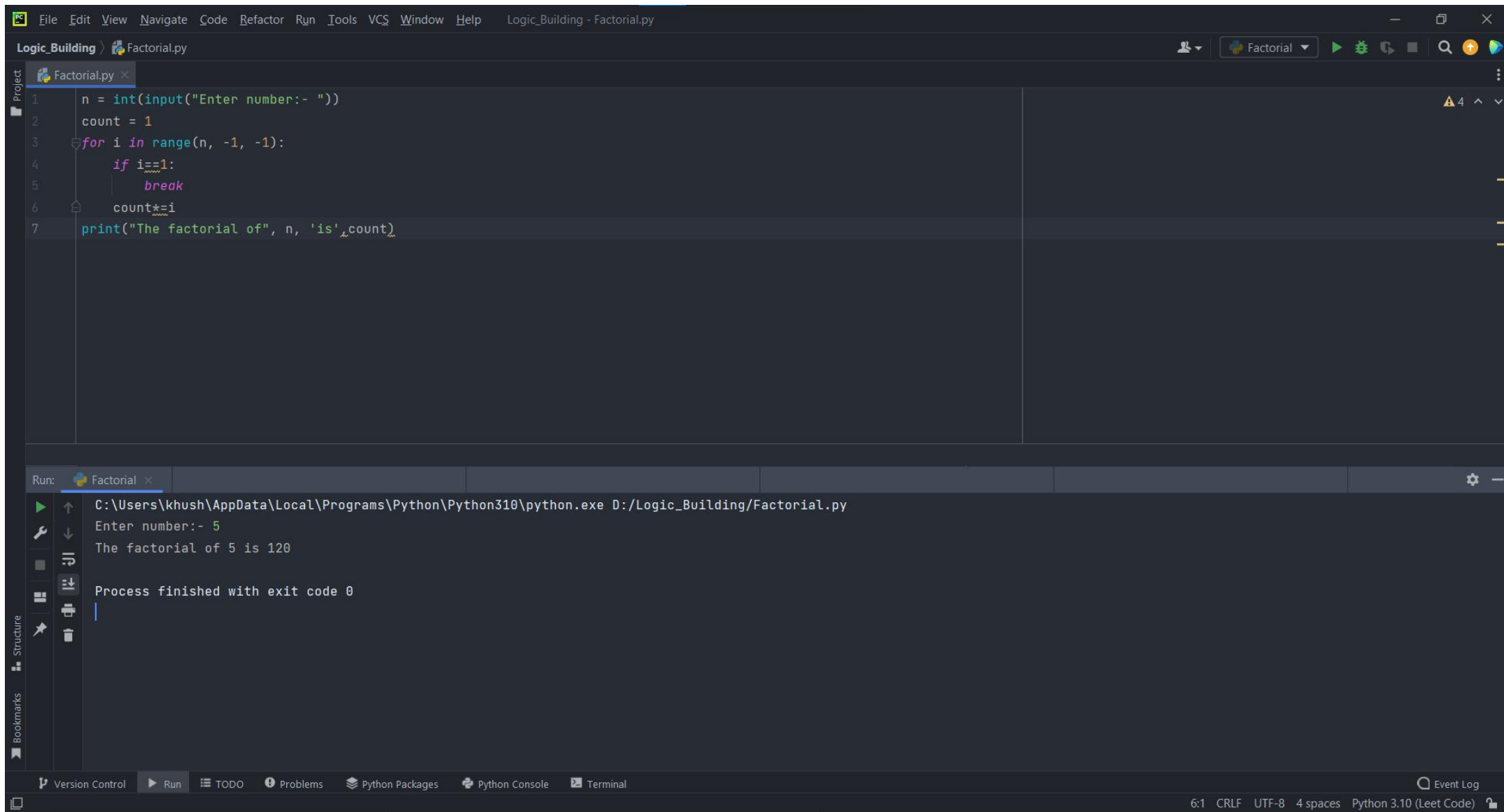
3

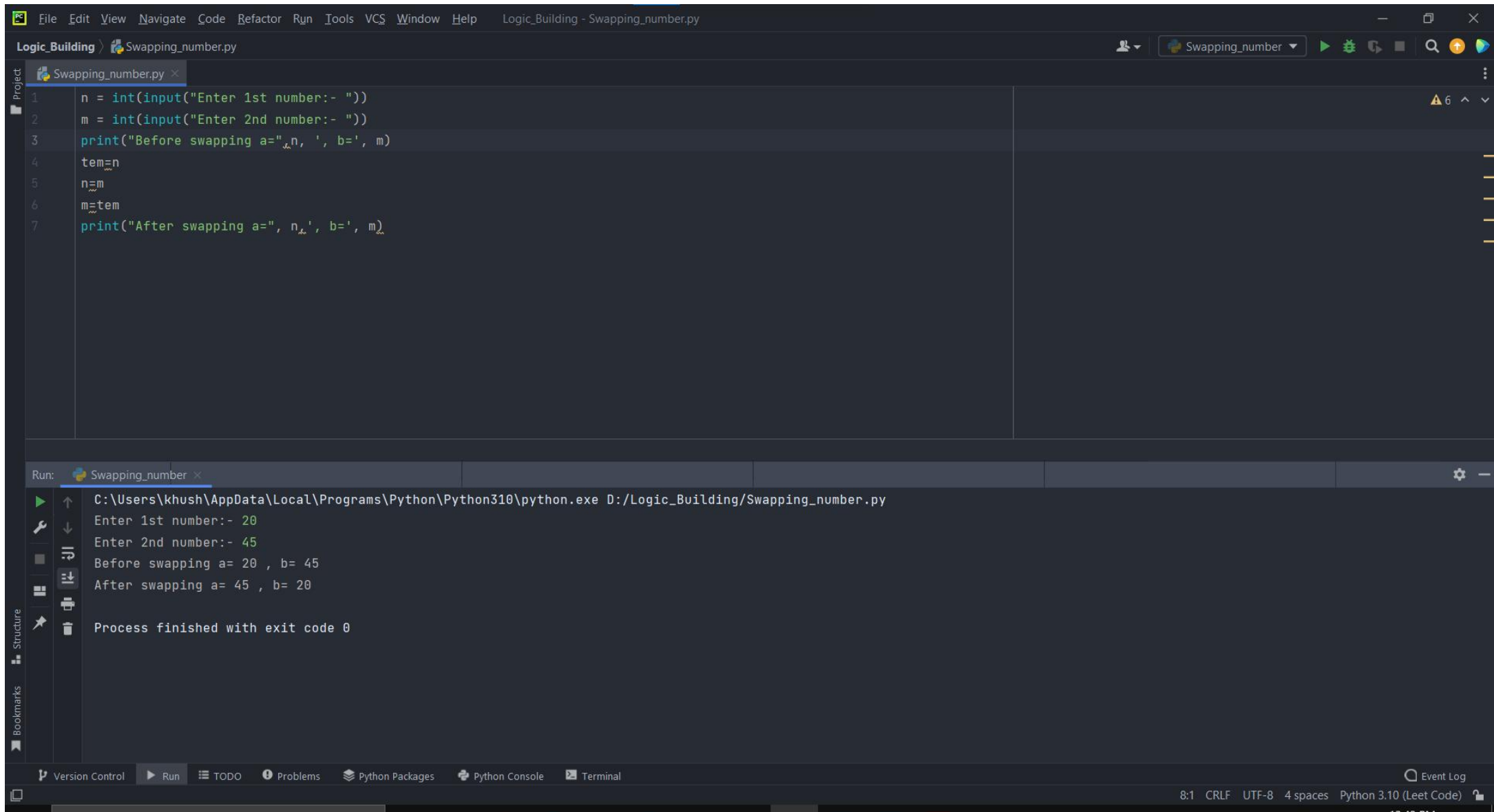
Run: Fibonacci series

```
C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe "D:/Logic_Building/Fibonacci series.py"
Enter number:- 10
0
1
1
2
3
5
8
13
21
34
```

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15:1 CRLF UTF-8 4 spaces Python 3.10 (Leet Code)





FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelp

Logic_Building - Asterisk_graph.py

Logic_Building > Asterisk_graph.py

Asterisk_graph.py x

Project

1n = int(input("Enter number of rows:- "))
2for i in range(1,n+1):
3 for j in range(i):
4 print("*", end = ' ')
5 print('')

4 ^ v

Run: Asterisk_graph.py x

C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe D:/Logic_Building/Asterisk_graph.py
Enter number of rows:- 4
*
**

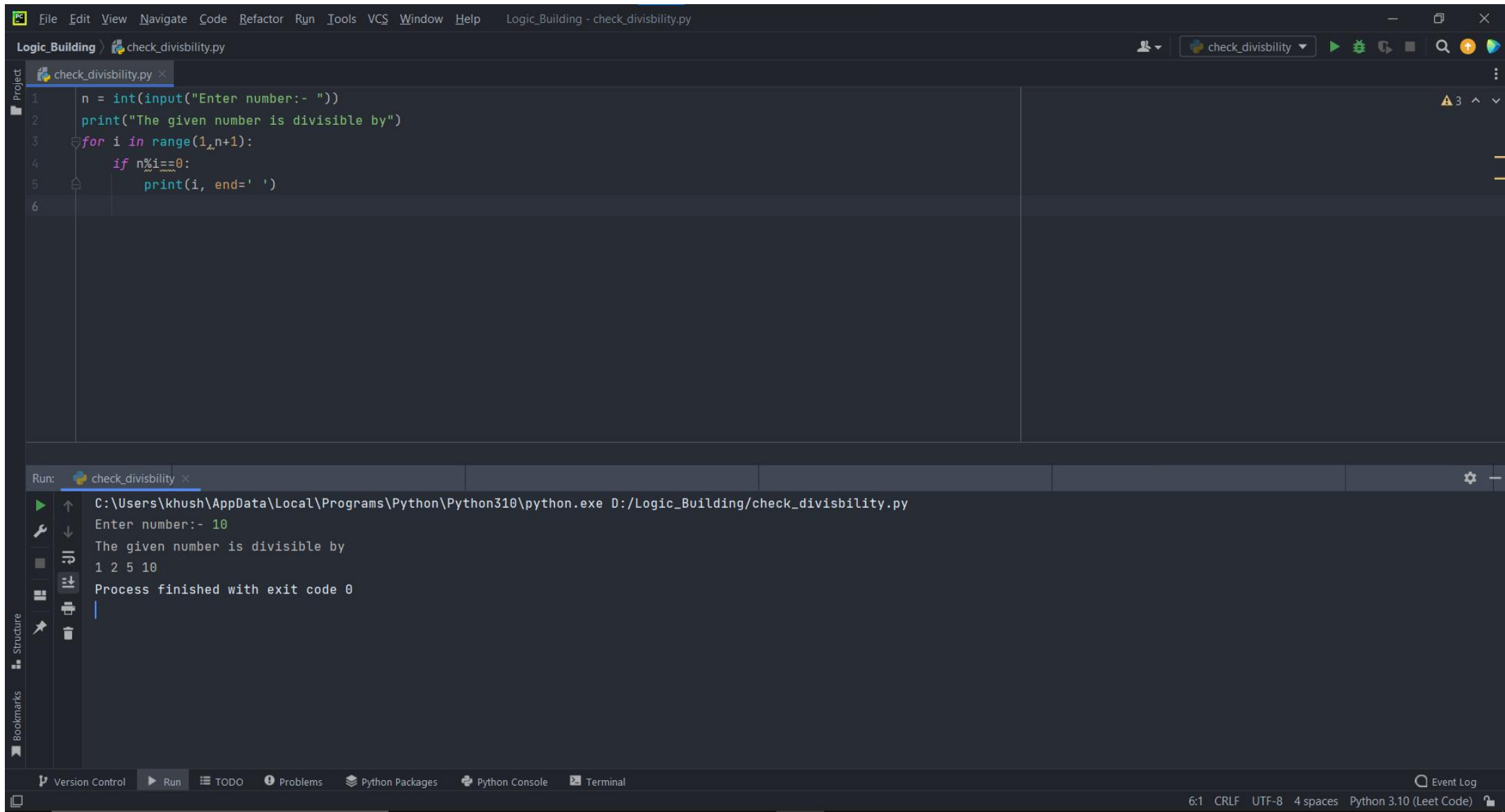
Process finished with exit code 0

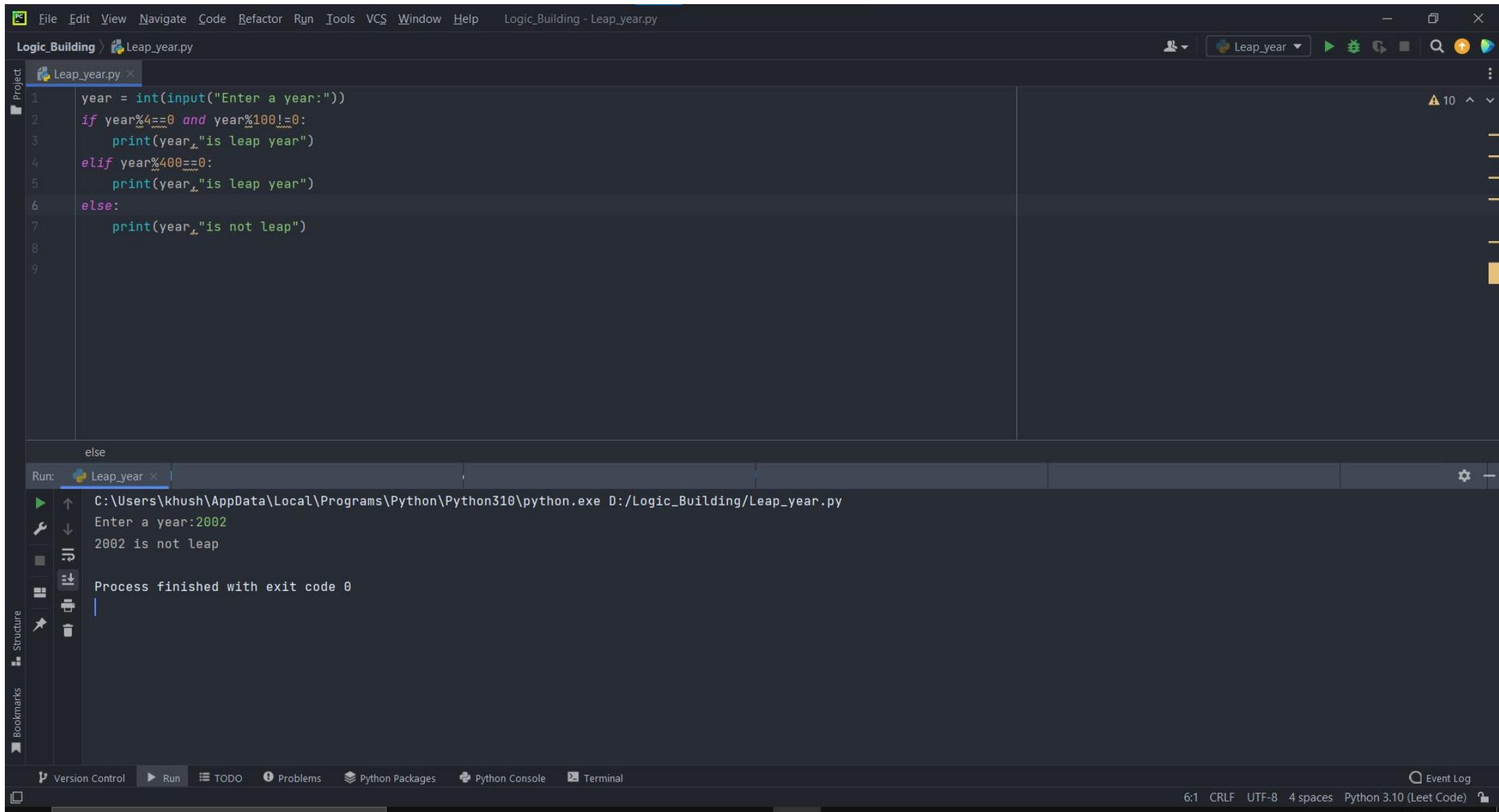
StructureBookmarks

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PEP 8: W292 no newline at end of file

9:1CRLFUTF-84 spacesPython 3.10 (Leet Code)





FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelp

Logic_Building - cricket team average.py

Logic_Buildingcricket team average.py

cricket team average.py

1234567

player = int(input("Enter count of team member:- "))
count = 0
for i in range(player):
 x = int(input("Enter count number of player:- "))
 count+=x
count=count/player
print("Average count of cricket team is",count)

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Run:cricket team average

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C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe "D:/Logic_Building/cricket team average.py"
Enter count of team member:- 4
Enter count number of player:- 11
Enter count number of player:- 11
Enter count number of player:- 11
Enter count number of player:- 11
Average count of cricket team is 11.0

Process finished with exit code 0

Version ControlRunTODOProblemsPython PackagesPython ConsoleTerminal

10:1CRLFUTF-84 spacesPython 3.10 (Leet Code)

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic_Building - Average even with range.py

Logic_Building > Average even with range.py

Average even with range.py

```
1 n = int(input("Enter range:- "))
2 count = 0
3 sum = 0
4 for i in range(1,n):
5     if i%2==0:
6         sum+=i
7         count+=1
8 print("The average of even number is", sum/count)
```

Run: Average even with range

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C:\Users\khush\AppData\Local\Programs\Python\Python310\python.exe "D:/Logic_Building/Average even with range.py"
Enter range:- 10
The average of even number is 5.0

Process finished with exit code 0

Version ControlRunTODOProblemsPython PackagesPython ConsoleTerminal

6:1 CRLF UTF-8 4 spaces Python 3.10 (Leet Code)