

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic\_Building - LOGIC AND.py

Logic\_Building > LOGIC AND.py

Project

LOGIC AND.py x

1n = input("Enter 1st number in binary:- ")

2m = input("Enter 2nd number in binary:- ")

3ans = ''

4for i in range(len(n)):

5    if n[i]=='1' and m[i]=='1':

6        ans+='1'

7    else:

8        ans+='0'

9print("The answer of 1st and 2ns number is",ans)

10

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Run: LOGIC AND x

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D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/LOGIC AND.py"

Enter 1st number in binary:- 0011

Enter 2nd number in binary:- 0101

The answer of 1st and 2ns number is 0001

Process finished with exit code 0

Version ControlRunTODOProblemsDebugPython PackagesPython ConsoleTerminal

7:1CRLFUTF-84 spacesPython 3.10 (venv)

PC

File Edit View Navigate Code Refactor Run Tools VCS Window Help Logic\_Building - LOGIC OR.py

Logic\_Building

LOGIC OR.py

LOGIC OR

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Project

LOGIC OR.py

```
1 n = input("Enter 1st number in binary:- ")
2 m = input("Enter 2nd number in binary:- ")
3 ans = ''
4 for i in range(len(n)):
5     if n[i]=='0' and m[i]=='0':
6         ans+='0'
7     else:
8         ans+='1'
9 print("The answer of 1st and 2ns number is",ans)
10
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```

Run: LOGIC OR

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```
D:\Django\venv\Scripts\python.exe "D:/Logic_Building/LOGIC OR.py"
Enter 1st number in binary:- 0011
Enter 2nd number in binary:- 0101
The answer of 1st and 2ns number is 0111

Process finished with exit code 0
```

Version Control

Run

TODO

Problems

Debug

Python Packages

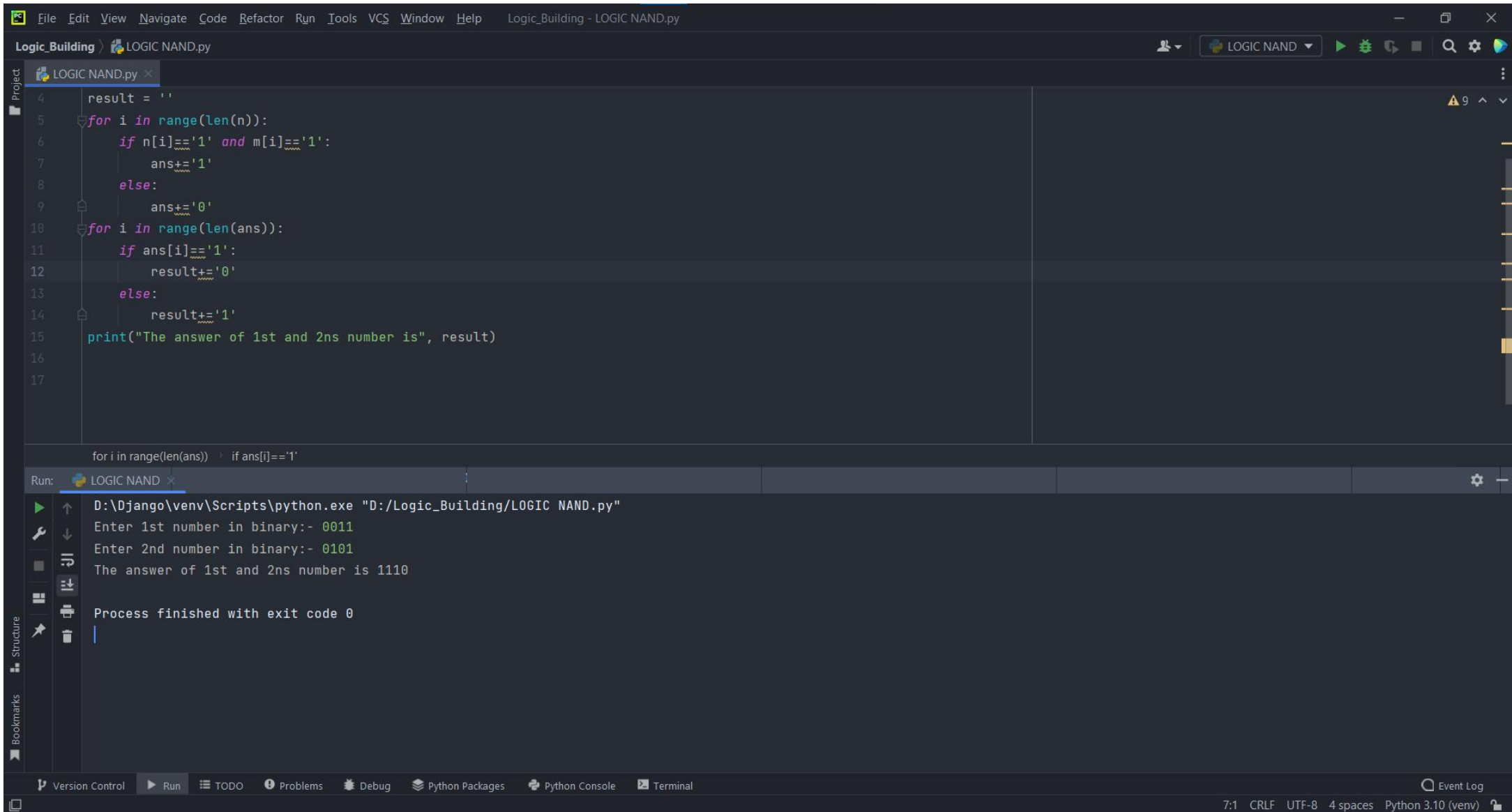
Python Console

Terminal

Event Log

PEP 8: W391 blank line at end of file

7:1 CRLF UTF-8 4 spaces Python 3.10 (venv)



FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic\_Building - LOGIC NOT.py

Logic\_Building > LOGIC NOT.py

LOGIC NOT.py

```
1 n = input("Enter number:- ")
2 ans = ''
3 for i in range(len(n)):
4     if n[i]=='1':
5         ans+='0'
6     else:
7         ans+='1'
8 print("The LOGICAL NOT of number is", ans)
9
```

Run: LOGIC NOT

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D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/LOGIC NOT.py"  
Enter number:- 0101  
The LOGICAL NOT of number is 1010  
  
Process finished with exit code 0

Version ControlRunTODOProblemsDebugPython PackagesPython ConsoleTerminal

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

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic\_Building - LOGIC NOR.py

Logic\_Building > LOGIC NOR.py

LOGIC NOR.py

```
1 n = input("Enter 1st number:- ")
2 m = input("Enter 2ns number:- ")
3 ans = ''
4 for i in range(len(n)):
5     if n[i]=='0' and m[i]=='0':
6         ans+='1'
7     else:
8         ans+='0'
9 print("The NOR of 1st and 2nd number is", ans)
```

for i in range(len(n)) if n[i]=='0' and m[i]=='0'

Run: LOGIC NOR

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D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/LOGIC NOR.py"

Enter 1st number:- 0011

Enter 2ns number:- 0101

The NOR of 1st and 2nd number is 1000

Process finished with exit code 0

Version ControlRunTODOProblemsDebugPython PackagesPython ConsoleTerminal

7:1 CRLF UTF-8 4 spaces Python 3.10 (venv)

Logic\_Building - Number Triangle.py

Logic\_Building > Number Triangle.py

Number Triangle.py

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

for i in range(1,n+1)

Run: Number Triangle

D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/Number Triangle.py"

Enter number of rows:- 4

```
1
2 2
3 3 3
4 4 4 4
```

Process finished with exit code 0

Version Control Run TODO Problems Debug Python Packages Python Console Terminal

PEP 8: W292 no newline at end of file

9:1 CRLF UTF-8 4 spaces Python 3.10 (venv)

PC

File Edit View Navigate Code Refactor Run Tools VCS Window Help

Logic\_Building - Pascal\_triangle.py

Logic\_Building

Pascal\_triangle.py

Pascal\_triangle.py

```
1 n = int(input("Enter number:- "))
2 for i in range(1,n+1):
3     for j in range(n, i, -1):
4         print(" ", end='')
5     for k in range(1, i+1):
6         print(str(i)+ ' ', end='')
7     print()
```

for i in range(1,n+1)

Run: Pascal\_triangle

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D:\Django\venv\Scripts\python.exe D:/Logic\_Building/Pascal\_triangle.py

Enter number:- 5

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

Process finished with exit code 0

Version Control

Run

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Event Log

PEP 8: W292 no newline at end of file

10:1 CRLF UTF-8 4 spaces Python 3.10 (venv)

Logic\_Building - Biggest and largest number in array.py

Logic\_Building > Biggest and largest number in array.py

Biggest and largest number in array.py

```
1 a = int(input("Enter the size of the array:- "))
2 array = []
3 for i in range(a):
4     x = int(input("Enter the elements of the array:- "))
5     array.append(x)
6 print("The smallest number of array = ", min(array))
7 print("The largest number of array = ", max(array))
8
```

Run: Biggest and largest number in array

D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/Biggest and largest number in array.py"

Enter the size of the array:- 5

Enter the elements of the array:- 100

Enter the elements of the array:- -55

Enter the elements of the array:- 12

Enter the elements of the array:- -200

Enter the elements of the array:- 88

The smallest number of array = -200

The largest number of array = 100

Process finished with exit code 0

Version Control Run TODO Problems Debug Python Packages Python Console Terminal

12:1 CRLF UTF-8 4 spaces Python 3.10 (venv)



FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpLogic\_Building - Sum of integer.py

Logic\_Building > Sum of integer.py

Sum of integer.py

1n = int(input("Enter number:-"))

2n = str(n)

3ans = 0

4for i in range(len(n)):

5 ans+=int(n[i])

6print("The sum of all integer is", ans)

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Run: Sum of integer

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D:\Django\venv\Scripts\python.exe "D:/Logic\_Building/Sum of integer.py"

Enter number:-123456789

The sum of all integer is 45

Process finished with exit code 0

Version ControlRunTODOProblemsDebugPython PackagesPython ConsoleTerminal

6:1CRLFUTF-84 spacesPython 3.10 (venv)

