

File Edit View Navigate Code Refactor Run Tools VCS Window Help pythonProject2 - C:\Users\kativ\AppData\Roaming\JetBrains\PyCharmCE2022.1\scratches\binomial coefficient.py

Scratches binomial coefficient.py

Project

- copy the program recursive.py
- fact non recursive.py
- fact recursive.py
- fib non recursive.py
- fib recursive.py
- floyds.py
- gcd non recursive.py
- gcd recursive.py
- knapsack.py
- lcm non recursive.py
- lcm recursive.py
- max and min.py

```
1 def binomialCoeff(n, k):
2     if k > n:
3         return 0
4     if k == 0 or k == n:
5         return 1
6     return binomialCoeff(n - 1, k - 1) + binomialCoeff(n - 1, k)
7
8 n = 3
9 k = 2
10 print("Value of C(%d,%d) is (%d)" % (n, k, binomialCoeff(n, k)))
```

Run: binomial coefficient

C:\Users\kativ\PycharmProjects\pythonProject2\venv\Scripts\python.exe "C:/Users/kativ/AppData/Roaming/JetBrains/PyCharmCE2022.1/scratches/binomial
Value of C(3,2) is (3)

Process finished with exit code 0

Version Control Run Python Packages TODO Python Console Problems Terminal Services

PEP 8: W292 no newline at end of file 9:54 CRLF UTF-8 4 spaces Python 3.10 (pythonProject2)

