

PythonProject2

main.py

Project

pythonProject2

C:\Users\shaik\PycharmProjects\pythonProject2

venv library root

Lib

Scripts

gitignore

pyenv.cfg

ary of integer good pairs.py

binary numbers.py

climbstaries.py

combination letters.py

common two strings.py

greatest.py

isomorphic.py

leapyear.py

list.py

main.py

max number of jumps.py

paranthesis.py

parenthesis.py

permute.py

possible combinations.py

max number of jumps.py

paranthesis.py

parenthesis.py

possible combinations.py

profit.py

binary numbers.py

main.py

permute.p

23

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v

```
1 def maxProfit(price, n):
2     profit = [0]*n
3     max_price = price[n-1]
4     for i in range(n-2, 0, -1):
5         if price[i] > max_price:
6             max_price = price[i]
7         profit[i] = max(profit[i+1], max_price - price[i])
8     min_price = price[0]
9     for i in range(1, n):
10        if price[i] < min_price:
11            min_price = price[i]
12        profit[i] = max(profit[i-1], profit[i]+(price[i]-min_price))
13    result = profit[n-1]
14    return result
15    price = [7,1,5,3,6,4]
16    print("Maximum profit is:", maxProfit(price, len(price)))
```

Run

Python Packages

TODO

Python Console

Problems

Terminal

Services

C:\Users\shaik\PycharmProjects\pythonProject2\venv\Scripts\python.exe C:/Users/shaik/PycharmProjects/pythonProject2/main.py

Maximum profit is: 7

Process finished with exit code 0

Version Control

Run

Python Packages

TODO

Python Console

Problems

Terminal

Services

16:59

CRLF

UTF-8

4 spaces

Python 3.9 (pythonProject2)

32°C

Mostly sunny

Windows

Search

Task View

Microsoft Edge

Google Chrome

Opera

WhatsApp

Telegram

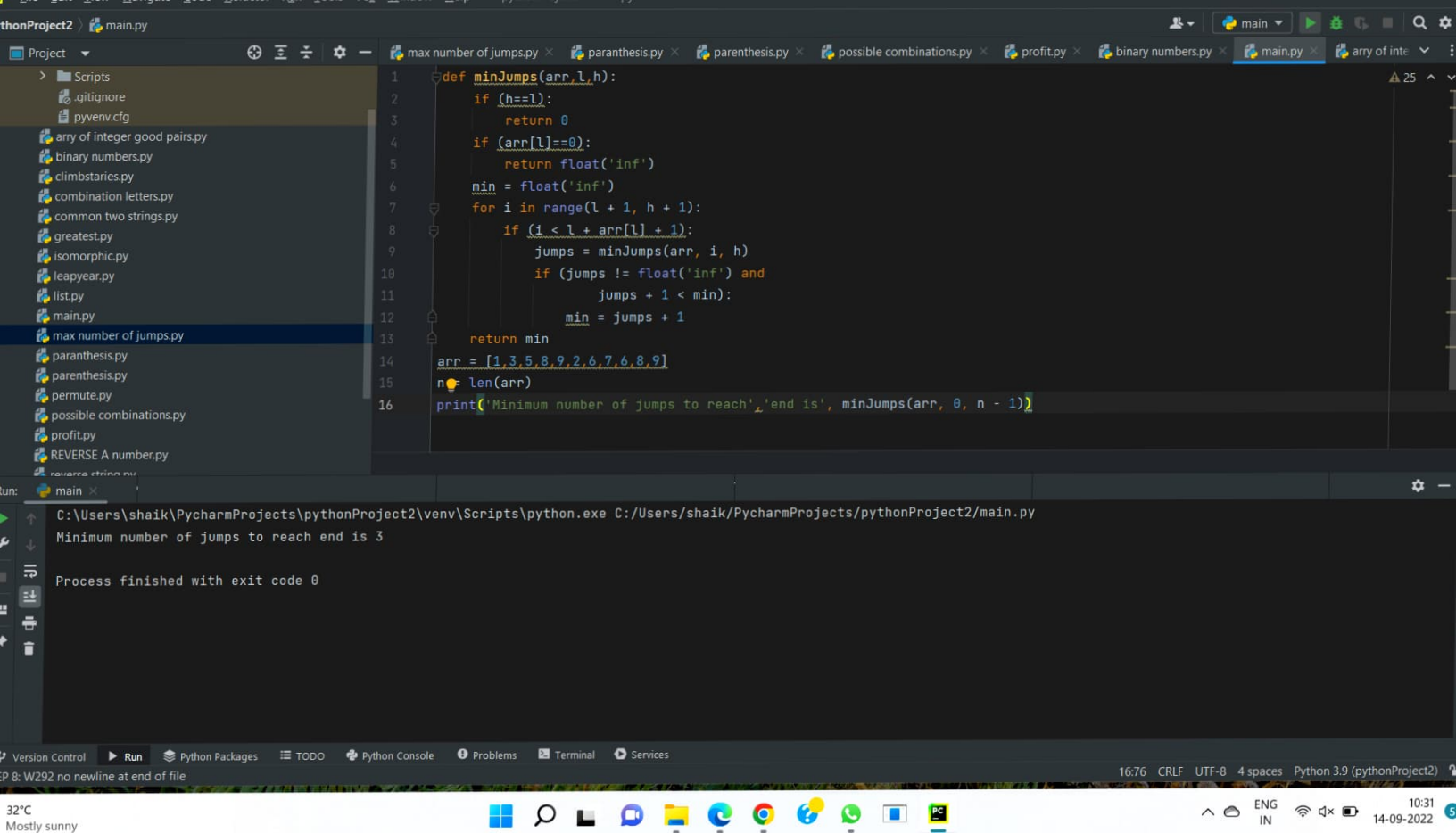
PC

ENG

IN

10:29

14-09-2022



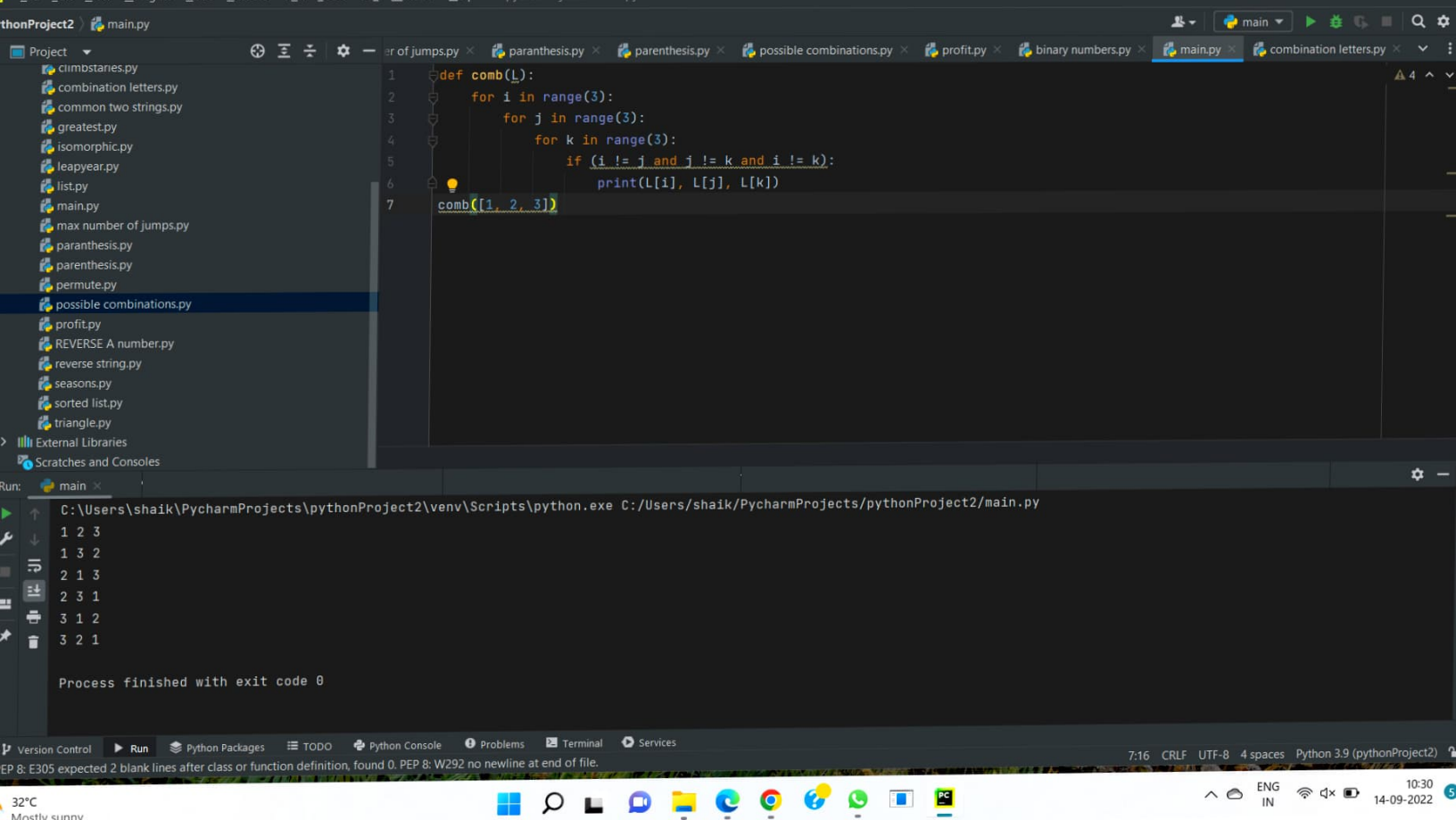
- Scripts
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- combination letters.py
- common two strings.py
- greatest.py
- isomorphic.py
- leapyear.py
- list.py
- main.py
- max number of jumps.py
- parenthesis.py
- permutation.py
- possible combinations.py
- profit.py
- REVERSE A number.py
- reverse string.py

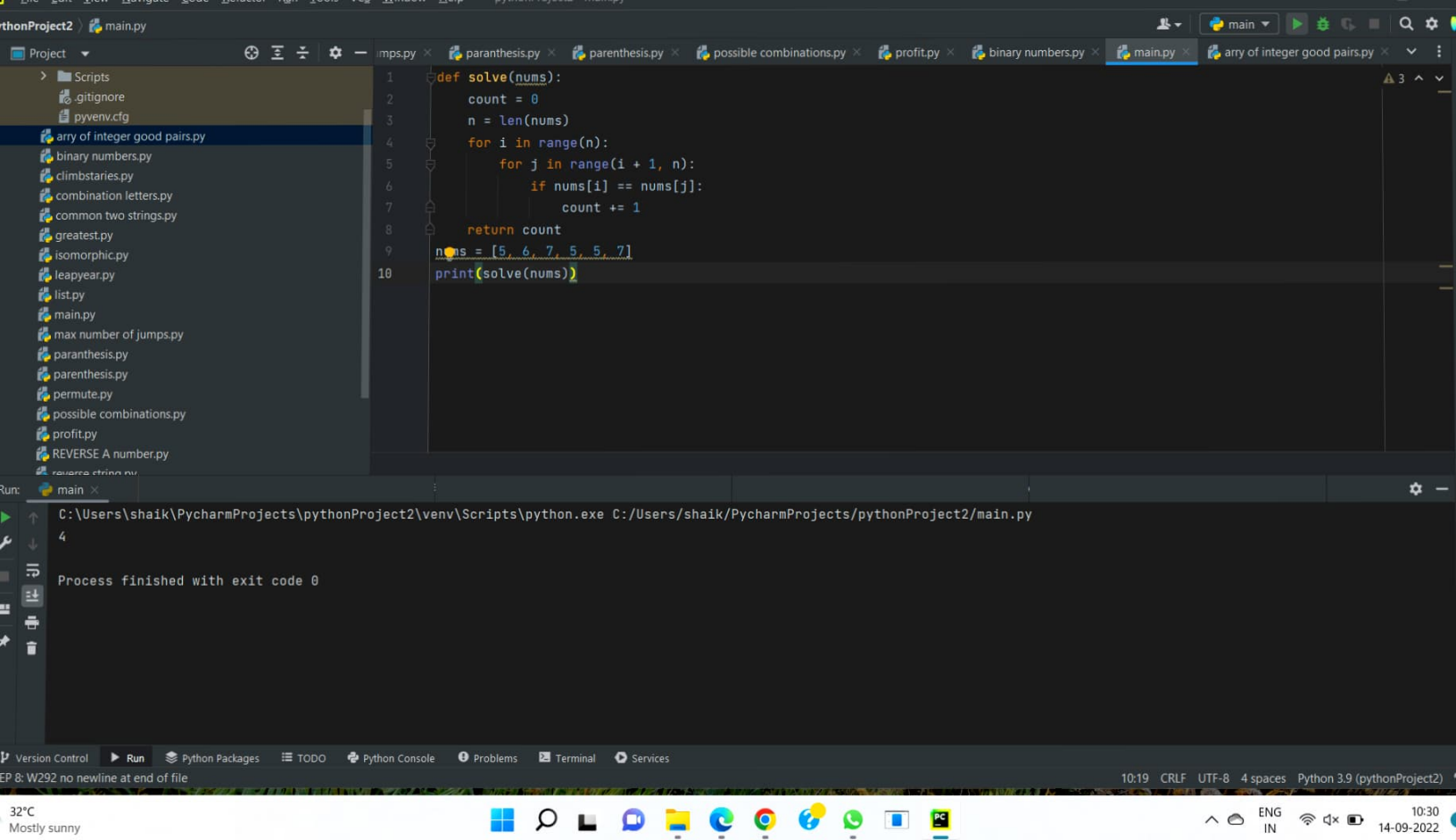
```
2  if m == 0:
3      return n
4  if n == 0:
5      return m
6  if str1[m-1] == str2[n-1]:
7      return editDistance(str1, str2, m-1, n-1)
8  return 1 + min(editDistance(str1, str2, m, n-1),
9                  editDistance(str1, str2, m-1, n),
10                 editDistance(str1, str2, m-1, n-1))
11 )
12 str1 = "horse"
13 str2 = "ros"
14 print(editDistance(str1, str2, len(str1), len(str2)))
```

C:\Users\shaik\PycharmProjects\pythonProject2\venv\Scripts\python.exe C:/Users/shaik/PycharmProjects/pythonProject2/main.py

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Process finished with exit code 0





pythonProject2

main.py

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- main

```
1 def solve(nums):
2     count = 0
3     n = len(nums)
4     for i in range(n):
5         for j in range(i + 1, n):
6             if nums[i] == nums[j]:
7                 count += 1
8     return count
9     nums = [5, 6, 7, 5, 5, 7]
10    print(solve(nums))
```

Run

C:\Users\shaik\PycharmProjects\pythonProject2\venv\Scripts\python.exe C:/Users/shaik/PycharmProjects/pythonProject2/main.py

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Process finished with exit code 0

Version Control Run Python Packages TODO Python Console Problems Terminal Services

EP 8: W292 no newline at end of file

10:19 CRLF UTF-8 4 spaces Python 3.9 (pythonProject2)

32°C
Mostly sunny



ENG IN 10:30 14-09-2022

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Process finished with exit code 0