

File Edit View Navigate Code Refactor Run Tools VCS Window Help untitled9 [C:\Users\rajan\PycharmProjects\untitled9] - ...1.py - PyCharm

untitled9 1.py

1: Project

- untitled9 C:\Users\rajan\PycharmProjects\untitled9
 - 1.py
 - 2.py
 - 3.py
 - 4.py
 - 5.py
 - 6.py
 - 7.py
 - enjoysport.csv
 - python.py
- External Libraries
- Scratches and Consoles

```
1 def main():
2
3     list1=[{}},{},{}]
4     list2=[{1},{},{}(4)]
5     print(all(not d for d in list1))
6     print(all(not d for d in list2))
7
8     m.n()
```

Terminal: Local +

```
(venv) C:\Users\rajan\PycharmProjects\untitled9>python 2.py
Original List [[110, 120], [240], [330, 456, 425], [310, 220], [133], [240]]
New List [[110, 120], [133], [240], [310, 220], [330, 456, 425]]

(venv) C:\Users\rajan\PycharmProjects\untitled9>
```

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8:1 CRLF UTF-8 4 spaces Python 3.8 (untitled8) ENG 7:13 PM 4/26/2020

File Edit View Navigate Code Refactor Run Tools VCS Window Help untitled9 [C:\Users\rajan\PycharmProjects\untitled9] - ... \2.py - PyCharm

untitled9 2.py

1: Project

untitled9 C:\Users\rajan\PycharmProjects\untitled9

1.py 2.py 3.py 4.py 5.py 6.py 7.py enjoysport.csv python.py External Libraries Scratches and Con

2.py

3.py

1.py

```
1 def main():
2     print("enter two list")
3     print("enter one list")
4     x = [int(x) for x in input().split()] # take input from user
5     print("enter secound list") # get secound list
6     y = [int(y) for y in input().split()] # take list as input
7     x[:0] = y # append the list y in x
8     print(x) # print list x
9 main()
```

Terminal: Local +

(venv) C:\Users\rajan\PycharmProjects\untitled9>python 2.py
enter two list
enter one list
1 2 3 4 5 6 7 8
enter secound list
9 10 11 12 13 14 15 16
[9, 10, 11, 12, 13, 14, 15, 16, 1, 2, 3, 4, 5, 6, 7, 8]

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8:28 CRLF UTF-8 4 spaces Python 3.8 (untitled8)

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4/26/2020

File Edit View Navigate Code Refactor Run Tools VCS Window Help untitled9 [C:\Users\rajan\PycharmProjects\untitled9] - ...4.py - PyCharm

untitled9 4.py

1: Project

untitled9 C:\Users\rajan\PycharmProjects\untitled9

1.py 2.py 3.py 4.py 5.py 6.py 7.py enjoysport.csv python.py External Libraries Scratches and Con

2: Structure

main()

3: Favorites

(venv) C:\Users\rajan\PycharmProjects\untitled9>python 4.py

[10, 11, 12]

(venv) C:\Users\rajan\PycharmProjects\untitled9>

main()

1

#Write a Python program to find the list in a list of lists whose sum of elements is the highest

2

def main():

3

num = [[1, 2, 3], [4, 5, 6], [10, 11, 12], [7, 8, 9]]

4

print(max(num, key=sum)) # use max function

5

main()

6

Terminal: Local

(venv) C:\Users\rajan\PycharmProjects\untitled9>python 4.py

[10, 11, 12]

(venv) C:\Users\rajan\PycharmProjects\untitled9>

TODO Terminal Python Console

PEP 8: at least two spaces before inline comment

3:59 CRLF UTF-8 4 spaces Python 3.8 (untitled8)

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untitled9 [C:\Users\rajan\PycharmProjects\untitled9] - ...5.py - PyCharm

untitled9 5.py

untitled9 C:\Users\rajan\PycharmProjects\untitled9

1.py 2.py 3.py 4.py 5.py 6.py 7.py enjoysport.csv python.py External Libraries Scratches and Con

1

2

3

4

5

6

#Write a Python program to access dictionary key's element by index.

def main():

num = {'stats': 80, 'math': 90, 'algorithm': 86}

print(list(num)[0])

main()

main()

Terminal: Local

(venv) C:\Users\rajan\PycharmProjects\untitled9>python 5.py

stats

(venv) C:\Users\rajan\PycharmProjects\untitled9>

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3:53 CRLF UTF-8 4 spaces Python 3.8 (untitled8)

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untitled9 [C:\Users\rajan\PycharmProjects\untitled9] - ...6.py - PyCharm

untitled9 6.py

untitled9 C:\Users\rajan\PycharmProjects\untitled9

1.py 2.py 3.py 4.py 5.py 6.py 7.py enjoysport.csv python.py External Libraries Scratches and Con

```
1 # compute all permutations in a list
2
3 import itertools
4 print(list(itertools.permutations([12,22,23]))) # use of itertools.permutations function
5
```

Terminal: Local +

```
(venv) C:\Users\rajan\PycharmProjects\untitled9>python 6.py
[(12, 22, 23), (12, 23, 22), (22, 12, 23), (22, 23, 12), (23, 12, 22), (23, 22, 12)]

(venv) C:\Users\rajan\PycharmProjects\untitled9>
```

TODO Terminal Python Console

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untitled9 6.py

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untitled9 8.py

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8.py

```
1 #write a program to inser a string at the begining of every elements in a list
2 a = [100,123,345,567,789,890,98,876,543,678]
3 #Enter customer before each element
4 print(['emoloyee{0}'.format(i) for i in a])# use format function
5
```

Terminal: Local x +

```
(venv) C:\Users\rajan\PycharmProjects\untitled9>python 8.py
['emoloyee100', 'emoloyee123', 'emoloyee345', 'emoloyee567', 'emoloyee789', 'emoloyee890', 'emoloyee98', 'emoloyee876', 'emoloyee543', 'emoloyee678']

(venv) C:\Users\rajan\PycharmProjects\untitled9>
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untitled91.py

12.py3.py1.py

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TODOTerminalPython Console

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9 10 11 12 13 14 15 16
[9, 10, 11, 12, 13, 14, 15, 16, 1, 2, 3, 4, 5, 6, 7, 8]

4: Status Bar

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3: Favorites

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