CHANDIGARH UNIVERSITY
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NAME –
UID –
BRANCH- BTECH CSE
SEM – 4TH
SUBJECT – PYTHON LAB

1. **Write a Python program to combine two dictionary adding values for common keys. d1 = {'a': 100, 'b': 200, 'c':300},d2 = {'a': 300, 'b': 200, 'd':400}**

SOL

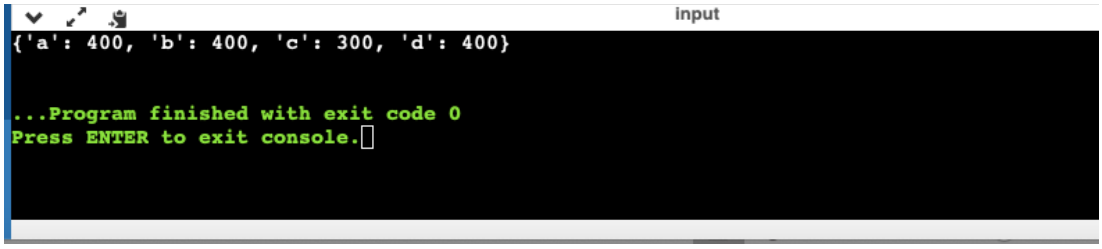
- CODE IN TEXT FORM

```
d1 = {'a': 100, 'b': 200, 'c': 300}
d2 = {'a': 300, 'b': 200, 'd': 400}

for i in d2 :
   if i in d1 :
      d1[ i ] = d1[ i ] +d2[ i ]
   else :
      d1[ i ] = d2[ i ]
print(d1)
```

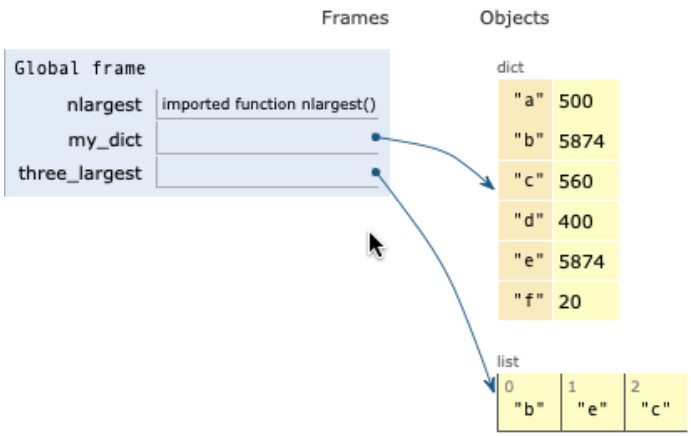
- CODE IN COMPILER

OUTPUT



2.**Write a Python program to find the highest 3 values of corresponding keys in a dictionary.**

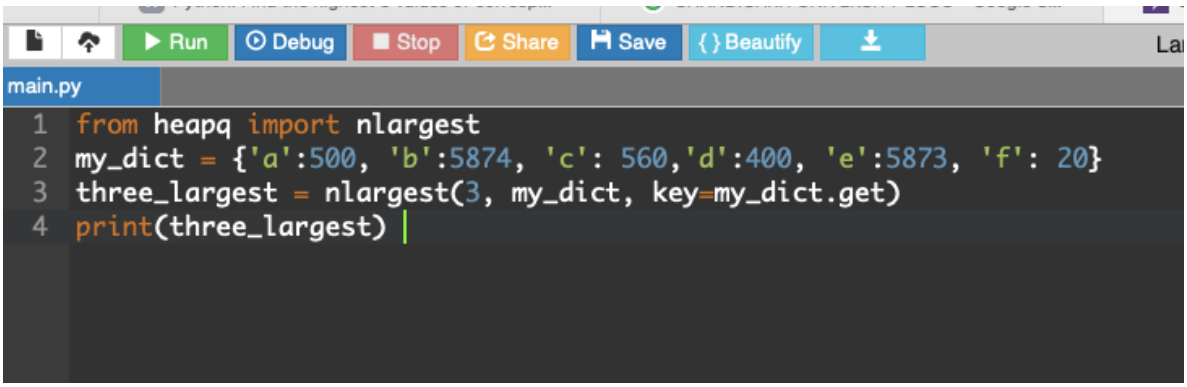
ALGO –



- CODE IN TEXT FORM –

```
from heapq import nlargest
my_dict = {'a':500, 'b':5874, 'c': 560,'d':400, 'e':5873, 'f': 20}
three_largest = nlargest(3, my_dict, key=my_dict.get)
print(three_largest)
```

- CODE IN COMPILER-



OUTPUT