In [1]:

```
# 1. Write a Python program to store a given dictionary in a json file
import json
dic={"Name":["Rama Krishna","Shekar","Yashwanth","Beshal","Rakesh","Kushal"],"subject":["
```

In [2]:

```
with open("Marks.json","w") as file:
    json.dump(dic,file)
    print("your file is created")
```

```
your file is created
```

In [3]:

```
# 2. Write a Python program to match key values in two dictionaries.
A = {'Tamil': 92, 'English': 56, 'Maths': 88, 'Sceince': 97, 'Social': 89}
B= {'Tamil': 92, 'English': 68, 'Maths': 88, 'Sceince': 97, 'Social': 89}
for (key,value) in set(A.items()) & set(B.items()):
    print("%s:%s is in both A and B"%(key,value))
```

```
Social:89 is in both A and B
Sceince:97 is in both A and B
Maths:88 is in both A and B
Tamil:92 is in both A and B
```

In [11]:

```
# 3. Write a Python program to replace dictionary values with their average.
di={"Python":4500,"C":5000,"C++":3500,"SQL":6000}
values=di.values()
length=len(values)
total=sum(values)
avg=total/length
print(avg)
for key in di.keys():
    di[key]=avg
print(di)
```

```
4750.0
{'Python': 4750.0, 'C': 4750.0, 'C++': 4750.0, 'SQL': 4750.0}
```

In [33]:

```
# 4)Write a Python program to get the top three items ina shop.
from collections import Counter
shop={"Sugar":35,"Spices":100,"Chocolates":120,"Ice Cream":250}
k=Counter(shop)
high=k.most_common(3)
for i in high:
    print(i[0],i[1])
```

```
Ice Cream 250
Chocolates 120
Spices 100
```

In [36]:

```
# 5. Write a Python program to create a dictionary from a string.
string = "{'A':13, 'B':14, 'C':15}"
dect=eval(string)
print(dict['A'])
print(dict['B'])
```

```
dict['A']
dict['B']
```

In [42]:

```
# 6. Write a Python program to find the highest 3 values of corresponding keys
from collections import Counter
shop1={"Sugar":35,"Spices":100,"Chocolates":550,"Ice Cream":1000}
l=Counter(shop1)
high1=l.most_common(3)
new_dic=dict(high1)
print(new_dic.items())
```

```
dict_items([('Ice Cream', 1000), ('Chocolates', 550), ('Spices', 100)])
```

In [ ]:

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In [ ]:

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In [ ]:

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