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**Subject:Python Programming**

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**Course: BCA Vth Sem**

**Ans 1.**

s="thequickbrownfoxjumpsoverthelazydog"

allchars=set(s)

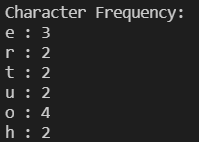
print("Character Frequency:")

for char in allchars:

if (s.count(char)>1):

print(char,":",s.count(char))

**Output:**



Ans 2.

l1=[[1,2,3],[4,5,6],[10,11,12],[7,8,9]]

max=0

for item in l1:

if sum(item)>max:

max=sum(item)

max\_list=item

print("List:",l1)

print("Output:",max\_list)

**Output:**



**Ans 3.**

s1={2,5,3,4,5,17,3}

s2={1,6,7,8,9}

#s2={1,3,5,2,6}

print('s1:',s1)

print('s2:',s2)

if len(s1.intersection(s2))==0:

print("no common elements found")

else:

print("common elements found")

**Output:**



**Ans 4.**

d1={'item1': 45.50, 'item2':35, 'item3': 41.30, 'item4':55,'item5': 24}

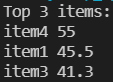
sorted\_dict=sorted(list(d1.items()),key=lambda x:x[1],reverse=True)

print("Top 3 items:")

for item in sorted\_dict[:3]:

print(item[0],item[1])

**Output:**

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