1. Operator overloading (classobj1+classobj2). Give an example
2. What is diamond problem? How do you solve it. Explain
3. List1 = [1,2,3,1,2,5,6,7,8], list2 = [1,2,3]

Give intersection of 2 lists

Ven diagram intersection of 2 lists I [1,2,3] so the

#output should be [1,2,3]

1. Remove the duplicates in the above 2 lists

#Output [5,6,7,8]

1. A = [1,2,3,4]

A[20]

r=[1,2,3,4]

q=(r,’aws’,’12’,r)

r.append(‘aws’)

print(q,r)

q[0][1]=27

print(q,r)

q=q[0]+r[3]

print(q)

try:

2/0

Except exception:

Print(exceptiomn)

Exit()

Finally:

Print(“this is running”)

1. Sort on the basis of string on second position [(1,’apple’,2), (2,’cat’,’b’),(3,’bat’,c)] #sorted(list,key)
2. Static method and class method
3. Class\_coin() #”head”

Class\_coin() #”tail”

Class\_coin() #”head”

Class\_coin #”tail”

1. List=[1,2,3,4,1,2,3,5,6] count the number of elements in list
2. Unit tests for deep copy and shallow copy
3. Custom decorators
4. Set &, union, intersection