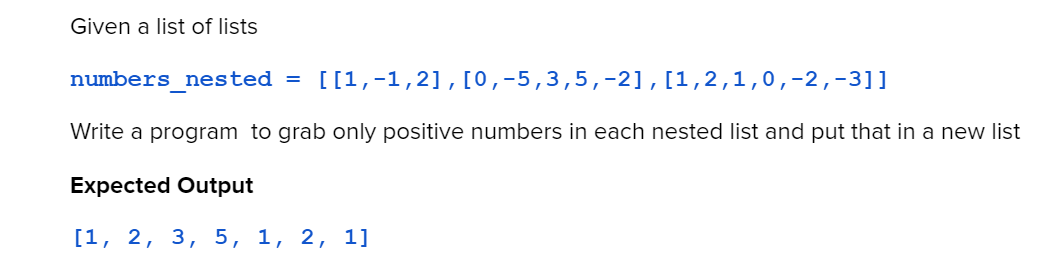
**PYTHON: ASSIGNMENT 02(Advanced Questions)**

**PROBLEM STATEMENT 1:**



**CODE:**

**nested\_list=[[1,-1,2],[0,-5,3,5,-2],[1,2,1,0,-2,-3]]**

**print("The given nested list is:",nested\_list)**

**num=[]**

**for num1 in nested\_list:**

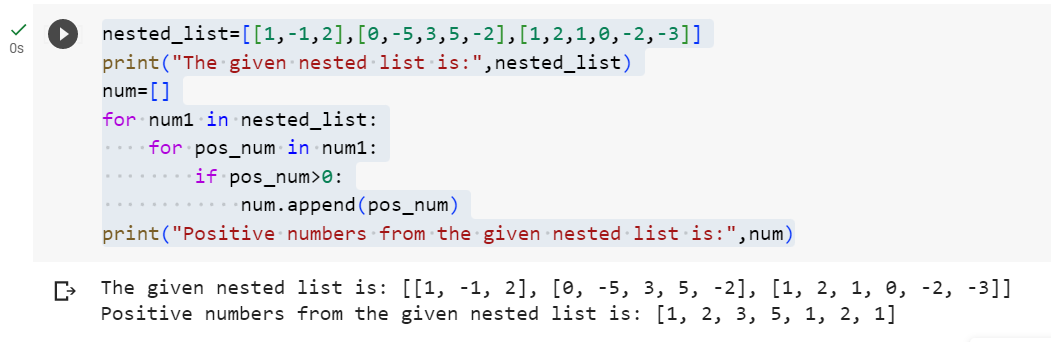
**for pos\_num in num1:**

**if pos\_num>0:**

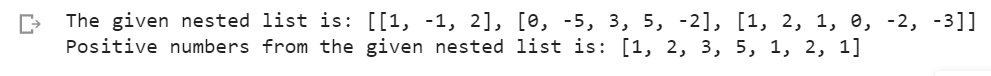
**num.append(pos\_num)**

**print("Positive numbers from the given nested list is:",num)**

**EXECUTION:**



**OUTPUT:**



**PROBLEM STATEMENT 2:**

A picture containing text, screenshot, font, algebra

Description automatically generated

**CODE:**

nested\_list=[[1,2,3], [4,5,6,3], [-1,-2,-10,5,8]]

print("The given nested list is:",nested\_list)

average=[]

sum\_average=[]

for x in nested\_list:

    print("The inner list is",x)

    avg\_list=sum(x)/len(x)

    print("average of inner list is",avg\_list)

    average.append(avg\_list)

print("The average values of each inner list is ",average)

sum\_average=sum(average)

print("The sum of average of each inner list is",sum\_average)

**EXECUTION:**

A screenshot of a computer

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**OUTPUT:**

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Description automatically generated

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