Ans:2-

Num1=[1,2,2,1]

Num2=[2,2]

print(Num1.intersection(Num2))

Ans3:

def BracketsBalanced(str1):

    stack = []

    # Traversing the Expression

    for char in str1:

        if char in ["(", "{", "["]:

            # Push the element in the stack

            stack.append(char)

        else:

   if not stack:

                return False

            current\_char = stack.pop()

            if current\_char == '(':

                if char != ")":

                    return False

            if current\_char == '{':

                if char != "}":

                    return False

            if current\_char == '[':

                if char != "]":

                    return False

    if stack:

        return False

    return True

if \_\_name\_\_ == "\_\_main\_\_":

    str1 =input(“Enter a String”);

    if BracketsBalanced(str1):

        print("Balanced")

    else:

        print("Not Balanced"