**Task 1: Election Voting and Results**

**Code:**

*dict*={

    1:[0,"BJP"],

    2:[0,"Congress"],

    3:[0,"Jantadal"],

    4:[0,"Samajwadi party"],

    5:[0,"RSS"]

}

def candidates():

    print("1->BJP\n2->Congress\n3->Jantadal\n4->Samajwadi party\n5->RSS")

def evm():

    candidates()

    v=int(input("Enter the party number to vote:"))

    if n not in *dict*:

        print("Sorry wrong party number")

    else:

        dict[v][0]+=1

def showresult():

    collision=[]

    highest=0

    for key,value in *dict*.items():

            if value[0]>=highest:

                highest=value[0]

                highkey=key

    for key,value in *dict*.items():

        if value[0]==highest:

                collision.append(key)

    if len(collision)!=1:

        print("There is collision between parties:\n")

        for key in collision:

            print(f"{dict[key][1]}:{dict[key][0]}")

    else:

        print(f"The winning party is {dict[highkey][1]}:{dict[highkey][0]} ")

while True:

    print("1.EVM\n2.Show Results")

    n=int(input("Enter your choice:"))

    ni=[1,2]

    if n not in ni:

        print("Sorry wrong choice")

    else:

        if n==1:

            evm()

        elif n==2:

            showresult()

            break

**OUTPUT:**

