

```
import random
print("welcome to rock-paper-scissors game")
print("1.rock\n2.paper\n3.scissor\n")
user=int(input("enter your choice(1-3):"))

if user==1:
    user="rock"
elif user==2:
    user="paper"
elif user==3:
    user="scissor"
else:
    print("enter correct choice")
computer=random.choice(["rock","paper","scissor"])
print("your choice:",user)
print("computer choice:",computer)
if computer==user:
    print("its a tie")
elif computer=="rock" and user=="paper" or computer=="paper" and user=="scissor" or computer=="scissor" and user=="rock":
    print("you win")
else:
    print("computer wins")
```

```
a=int(input("enter a number:"))
b=int(input("enter a number:"))
select=int(input("enter the operation:1.addition,2.subtraction,3.multiplication,4.division"))
try:
    if select==1:
        print(a+b)
    if select==2:
        print(a-b)
    if select==3:
        print(a*b)
    if select==4:
        print(a/b)
except ZeroDivisionError:
    print("dividend is zero")
    b=int(input("enter another number:"))
    print(a/b)
```

```

name=[]
phnumber=[]
while True:
    print("1. add phone number")
    print("2. view contact list")
    print("3. search contact")
    print("4. update contact")
    print("5. delete contact")

    select=int(input("type in a number to go:"))
    nme=""
    if select==1:
        while nme!="ok":
            n=int(input("how many you want to add?"))
            for i in range(n):
                nme=input("enter name:")
                name.append(nme)
                phno=int(input("enter phone number:"))
                phnumber.append(phno)
            break

    if select==2:
        print("this is your contact book")
        print(name,phnumber)

    if select==3:
        nme=input("enter the name you want to search:")
        if nme in name:
            print(f'{nme} is found,{phno}')
        else:
            print("thank you")

    if select==4:
        nme=input("enter name to update:")
        phno=int(input("enter phone number to update:"))
        if phno!=phnumber:
            phnumber.append(phno)
            print(name,phnumber)

    if select==5:
        nme=input("enter name to remove:")
        name.remove(nme)
        phno=int(input("enter phone number to delete:"))
        phnumber.remove(phno)
        print("updated list:")
        print()
        print(name,phnumber)

```