**##Question 1##**

"""print("hi this is varvas")

print("how may i assist you today")

flag=True

while flag:

print("1.check you broadband plan")

print("2.check the latest bill")

print("3.report connectivity issues")

print("4.provide contact information for support")

print("5.byee byeee")

choice=int(input("what do you want to do today(1-5):"))

if choice==1:

print("hi i have checked your broadband plan")

print("Plan Value: Rupees 361")

print("Data is 50GB and the validity is 30 days")

elif choice==2:

print("last payment done at september-18-2024")

elif choice==3:

print("there is a connectivity issue prompted")

print("check ypur connectivity properly ")

print("network reloading")

elif choice==4:

print("for further information contact number is 9975664328")

print("contact us through email:airtelplans24@gmail.com")

else:

print("thank you for reeaching me")

print("every moment was precious while chatting with you")

print("byeeeeee :-) :-) :-)")

print("how may i assist you further")"""

**##Question 2##**

print("Hi and welcome to the quiz")

dict1 = {

1: ["What is the formula for sodium chloride?", "NaCl"],

2: ["What is the formula for calcium chloride?", "CaCl2"],

3: ["What is the formula for sulfuric acid?", "H2SO4"]

}

flag = True

Score = 0

while flag:

print("1. Question 1")

print("2. Question 2")

print("3. Question 3")

print("4. Exit")

choice = int(input("Choose the question to answer (1-4): "))

if choice == 1:

print(dict1[1][0])

answer = input("Your answer: ")

if answer.strip() == dict1[1][1]:

Score += 1

elif choice == 2:

print(dict1[2][0])

answer = input("Your answer: ")

if answer.strip() == dict1[2][1]:

Score += 1

elif choice == 3:

print(dict1[3][0])

answer = input("Your answer: ")

if answer.strip() == dict1[3][1]:

Score += 1

elif choice == 4:

flag = False

else:

print("Invalid choice, please select a valid option.")

print(f"Your final score is: {Score}")