print("\n\t\t\t\t|||||| QUIZ IN LOGICAL REASONING,LANGUAGE PROFICIENCY AND GENERAL KNOWLEDGE ||||||")

print("\t~PRESENTED BY:\n\t\tSwanuja Maslekar - PES1201800369\n\t\tSakshi Shetty - PES1201800190\n\t\tSruthy S - PES1201801143\n\tCYCLE: PHYSICS\n\tSECTION: Q\n\n")

print("Answer this quiz to find out which of the following areas you are strongest in:\n 1) Logical Reasoning\n 2) Language Proficiency\n 3) General Knowledge\n")

print("The test has 12 questions covering all of the aforementioned topics. Good luck!")

print("-----------------------")

**#LOGICAL REASONING**

def LR():

    lr=0

    print("Complete the following pattern: B(2)CD, \_\_\_\_\_\_\_, BCD(4), B(5)CD, BC(6)D.")

    lr\_ans1=input(" 1. B(2)C(2)D\n 2. BC(3)D\n 3. B(2)C(3)D\n 4. BCD(7)\nEnter your chosen option number: ")

    while lr\_ans1!='1' and lr\_ans1!='2' and lr\_ans1!='3' and lr\_ans1!='4':

        lr\_ans1=input("Please enter a valid option: ")

    if lr\_ans1=='2':

        lr+=1

    else:

        pass

    print("")

    print("Yard is to inch as quart is to: ")

    lr\_ans2=input(" 1. Kilometre\n 2. Gallon\n 3. Ounce\n 4. Pound\nEnter your chosen option number: ")

    while lr\_ans2!='1' and lr\_ans2!='2' and lr\_ans2!='3' and lr\_ans2!='4':

        lr\_ans2=input("Please enter a valid option: ")

    if lr\_ans2=='3':

        lr+=1

    else:

        pass

    print("")

    print("Fill in the blank to complete the number series: 664, 332, 340,170, \_\_\_\_, 89.")

    lr\_ans3=input(" 1. 85\n 2. 97\n 3. 109\n 4. 178\nEnter your chosen option number: ")

    while lr\_ans3!='1' and lr\_ans3!='2' and lr\_ans3!='3' and lr\_ans3!='4':

        lr\_ans3=input("Please enter a valid option: ")

    if lr\_ans3=='4':

         lr+=1

    else:

        pass

    print("")

    print("In a certain code language, DRLAL is coded as 62014314. How is CAMEL coded?")

    lr\_ans4=input(" 1. 5315714\n 2. 53729310\n 3. 5313613\n 4. None\nEnter your chosen option number: ")

    while lr\_ans4!='1' and lr\_ans4!='2' and lr\_ans4!='3' and lr\_ans4!='4':

        lr\_ans4=input("Enter a valid option: ")

    if lr\_ans4=='1':

        lr+=1

    else:

        pass

    print("-----------------------")

    return lr

**#LANGUAGE PROFICIENCY**

def LP():

    lp=0

    print("The man next door has a garden that is being overrun with cats. Which of the following questions is correct?")

    lp\_ans1=input(" 1. Who's cats are using our neighbours garden? \n 2. Who's cats' are using our neighbours garden? \n 3. Whose cats are using our neighbour's garden? \n 4. Whose cats are using our neighbours' garden? \nEnter your chosen option number: ")

    while lp\_ans1!='1' and lp\_ans1!='2' and lp\_ans1!='3' and lp\_ans1!='4':

        lp\_ans1=input("Please enter a valid option: ")

    if lp\_ans1=='3':

        lp+=1

    else:

        pass

    print("")

    print("Which of the following sentences correctly contains a semi-colon?")

    lp\_ans2=input(" 1. My uncle's cat's whiskers are magnificent indeed; but I have no desire to stroke them \n 2. Landing a plane isn't hard; I once saw a child do it \n 3. There are two countries beginning with Z; Zimbabwe and Zambia\n 4. None of these.\nEnter your chosen option number: ")

    while lp\_ans2!='1' and lp\_ans2!='2' and lp\_ans2!='3' and lp\_ans2!='4':

        lp\_ans2=input("Please enter a valid option: ")

    if lp\_ans2=='2':

        lp+=1

    else:

        pass

    print("")

    print("Sometimes you should use 'that' and sometimes 'which'. Which sentence here is wrong?")

    lp\_ans3=input(" 1. The car which ran me over was speeding \n 2. The car that ran me over was speeding \n 3. The car, which was speeding, ran me over\n 4. None of these. \nEnter your chosen option number: ")

    while lp\_ans3!='1' and lp\_ans3!='2' and lp\_ans3!='3' and lp\_ans3!='4':

        lp\_ans3=input("Please enter a valid option: ")

    if lp\_ans3=='1':

        lp+=1

    else:

        pass

    print("")

    print("Which of the following is not correct?")

    lp\_ans4=input(" 1. I was sitting in the chair \n 2. I sat in the chair \n 3. I was sat in the chair\n 4. None of these. \nEnter your chosen option number: ")

    while lp\_ans4!='1' and lp\_ans4!='2' and lp\_ans4!='3' and lp\_ans4!='4':

        lp\_ans4=input("Please enter a valid option: ")

    if lp\_ans4=='3':

        lp+=1

    else:

        pass

    print("-----------------------")

    return lp

**#GENERAL KNOWLEDGE**

def GK():

    gk=0

    print("Who defined democracy as &'Government of the people, by the people and for the people&'?")

    gk\_ans1=input(" 1. Abraham Lincoln\n 2. Winston Churchill\n 3. Nelson Mandela\n 4. Martin Luther King \nEnter your chosen option number: ")

    while gk\_ans1!='1' and gk\_ans1!='2' and gk\_ans1!='3' and gk\_ans1!='4':

        gk\_ans1=input("Please enter a valid option: ")

    if gk\_ans1=='1':

        gk+=1

    else:

        pass

    print("")

    print("The ratio of width of our National flag to its length is: ")

    gk\_ans2=input(" 1. 3:5\n 2. 2:3\n 3. 2:4\n 4. 3:4\nEnter your chosen option number: ")

    while gk\_ans2!='1' and gk\_ans2!='2' and gk\_ans2!='3' and gk\_ans2!='4':

        gk\_ans2=input("Please entera valid option: ")

    if gk\_ans2=='2':

        gk+=1

    else:

        pass

    print("")

    print("Mesopotamia is now known as: ")

    gk\_ans3=input(" 1. Iran\n 2. Egypt\n 3. Syria\n 4. Iraq\nEnter your chosen option number: ")

    while gk\_ans3!='1' and gk\_ans3!='2' and gk\_ans3!='3' and gk\_ans3!='4':

        gk\_ans3=input("Please enter a valid option: ")

    if gk\_ans3=='4':

        gk+=1

    else:

        pass

    print("")

    print("Philology is the: ")

    gk\_ans4=input(" 1. Study of bones\n 2. Study of muscles\n 3. Science of architecture\n 4. Science of language\n Enter your option number: ")

    while gk\_ans4!='1' and gk\_ans4!='2' and gk\_ans4!='3' and gk\_ans4!='4':

        gk\_ans4=input("Please enter a valid option: ")

    if gk\_ans4=='4':

        gk+=1

    else:

        pass

    print("-----------------------")

    return gk

**#RESULT**

def result(f1,f2,f3): #Callback

    a1=f1()

    a2=f2()

    a3=f3()

    print("\n\nYour score is: ",a1+a2+a3,"/12")

    if a1>a2 and a1>a3:

            print("You are best at logical thinking and analysis.")

    elif a2>a1 and a2>a3:

            print("Your strongest skill is your command over your language.")

    elif a3>a1 and a3>a2:

            print("Your strongest skill is social awareness and general knowledge.")

    else:

            print("Congratulations! You are proficient in multiple areas!")

result(LR,LP,GK)