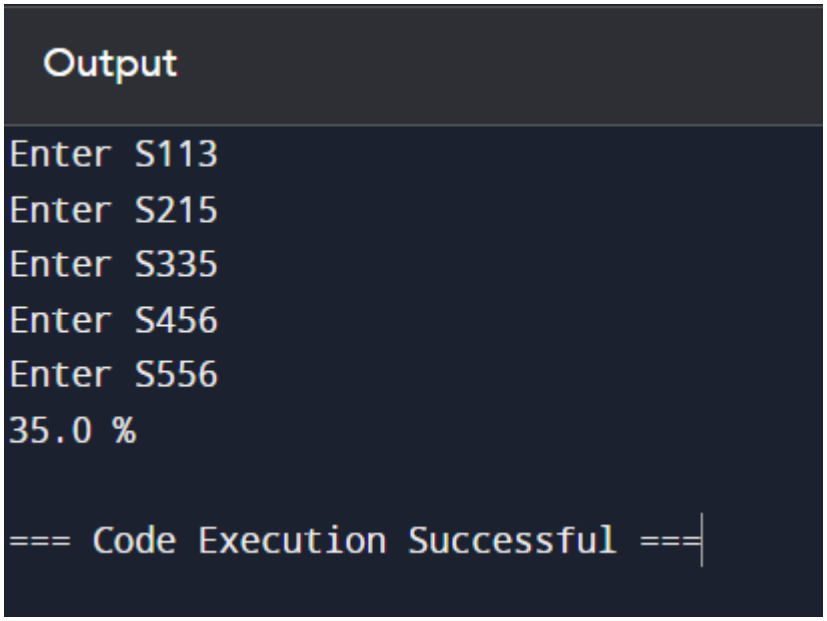
1.write program in python which will except 5 subjects marks student and displays final percentage

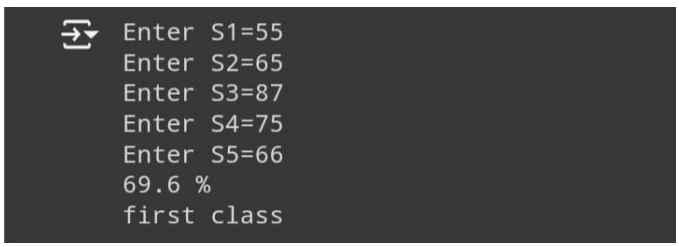
```
S1=int(input("Enter S1"))
S2=int(input("Enter S2"))
S3=int(input("Enter S3"))
S4=int(input("Enter S4"))
S5=int(input("Enter S5"))
per=(S1+S2+S3+S4+S5)/5
print(per,"%")
```



2.write a program which excepts 5 subjects marks which user calculate percentage,

1. if percentage below 35 fail.
2. if percentage between 35 to 40 pass class.
3. if percentage between 40 to 60 second class.
4. if percentage above 60 to 75 first class.
5. if percentage above 75 distinction.

```
S1=int(input("Enter S1="))
S2=int(input("Enter S2="))
S3=int(input("Enter S3="))
S4=int(input("Enter S4="))
S5=int(input("Enter S5="))
per=(S1+S2+S3+S4+S5)/5
print(per,"%")
if(per<35):
  print("Fail")
elif  (per<40):
  print ("pass class")
elif(per<60):
  print("second class")
elif(per<75):
  print("first class")
elif(per>101):
  print("Not applicable")
else:
  print("distinction")
```



3. program which ask users age and based on the input display message statement user is eligible for part time job, full time job or not eligible .

```
age = int(input("Enter your age: "))
if 16 <= age < 18:
  print("You are eligible for part-time jobs.")
elif 18 <= age <= 65:
  print("You are eligible for full-time jobs.")
else:
  print("You are not eligible for any job yet.")
```

4.write a program for food delivery app

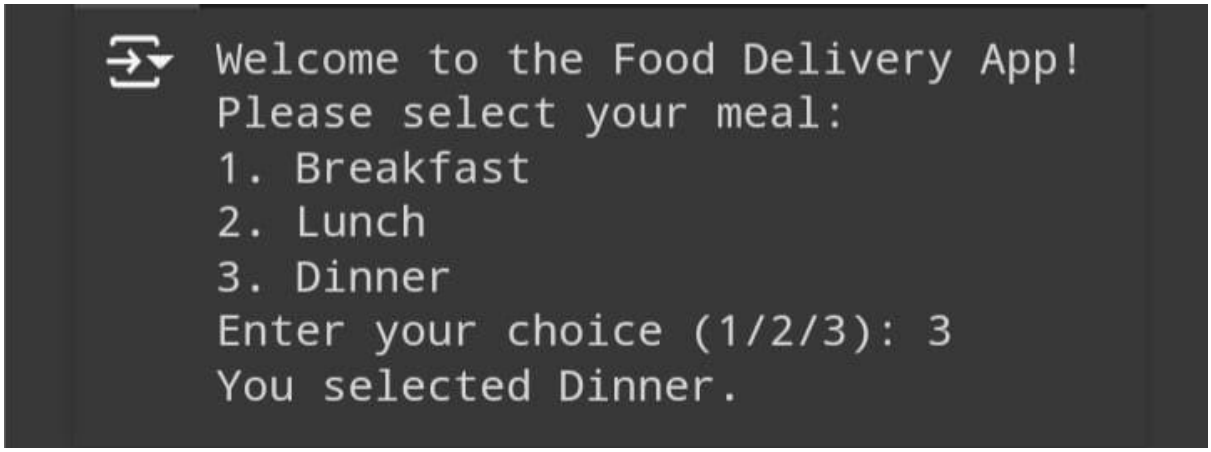
condition= 1.ask users you want food break fast, lunch or dinner

2.based on the choice selected by the user for example if user selects breakfast again ask him whether you want south indian or north indian breakfast

3.if user selects south indian ask him whatever he want dosa or idle and whatever user select print the final using you order idle.

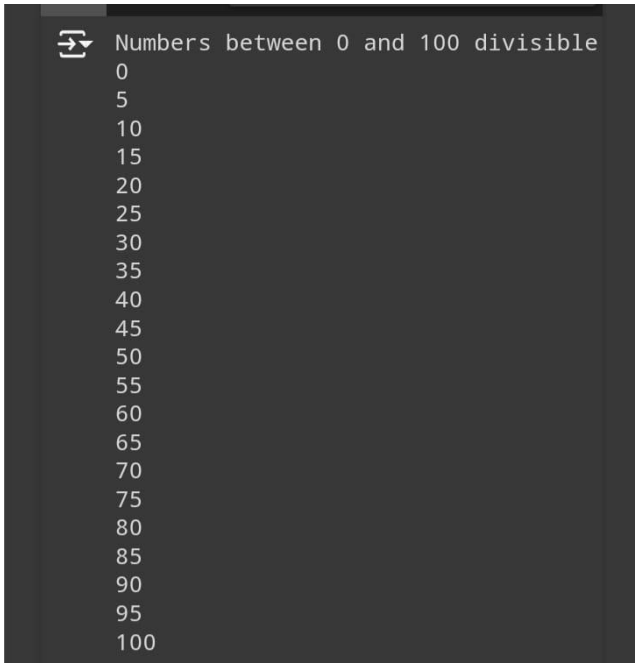
```
def food_delivery_app():
    print("Welcome to the Food Delivery App!")
    print("Please select your meal:")
    print("1. Breakfast")
    print("2. Lunch")
    print("3. Dinner")

    try:
        choice = int(input("Enter your choice (1/2/3): "))

        if choice == 1:
            print("You selected Breakfast.")
            print("Please select your type of breakfast:")
            print("1. South Indian")
            print("2. North Indian")

            breakfast_choice = int(input("Enter your choice (1/2): "))

            if breakfast_choice == 1:
                print("You selected South Indian breakfast.")
                print("Please select your item:")
                print("1. Dosa")
                print("2. Idli")

                south_indian_choice = int(input("Enter your choice (1/2): "))
```

```
            if south_indian_choice == 1:
                print("You ordered Dosa.")
            elif south_indian_choice == 2:
                print("You ordered Idli.")
            else:
                print("Invalid choice.")

        elif breakfast_choice == 2:
            print("You selected North Indian breakfast.")
            # Implement options for North Indian breakfast if needed

        else:
            print("Invalid choice.")

    elif choice == 2:
        print("You selected Lunch.")
        # Implement options for Lunch if needed

    elif choice == 3:
        print("You selected Dinner.")
        # Implement options for Dinner if needed

    else:
        print("Invalid choice. Please enter a valid option (1, 2, or 3).")

except ValueError:
    print("Invalid input. Please enter a valid choice (numeric value).")

# Run the function to simulate the food delivery app
food_delivery_app()
```


Welcome to the Food Delivery App!
Please select your meal:
1. Breakfast
2. Lunch
3. Dinner
Enter your choice (1/2/3): 3
You selected Dinner.

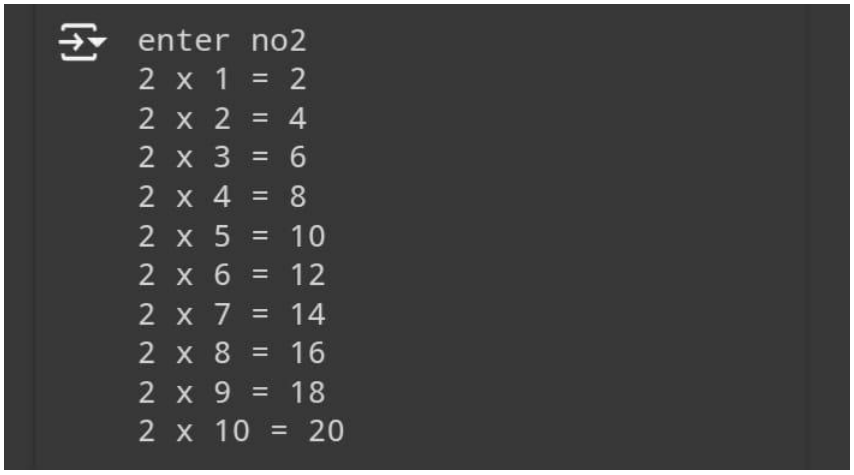
5. write a program to print all numbers between 0 to 100 which are divisible by 5

```
def print_numbers_divisible_by_5():
    print("Numbers between 0 and 100 divisible by 5:")
    for num in range(0, 101, 5):
        print(num)

# Run the function to print numbers divisible by 5
print_numbers_divisible_by_5()
```



6. write a program to print any multiplication table based on number given by users

```
a=int(input("enter no"))
for i in range (1,11):
    print(a, "x", i ,"=",a*i)
```



7. ask user to enter the number if its >10 then ask again to enter a number

```
        def ask_number():
    while True:
        try:
            number = int(input("Please enter a number: "))
            if number > 10:
                print("Number should not be greater than 10. Please try again.")
            else:
                print("You entered:", number)
                break  # Exit the loop if the number is <= 10
        except ValueError:
            print("Invalid input. Please enter a valid number.")

# Run the function to ask the user for a number
ask_number()
```