

**Madhav Institute of Technology and Science, Gwalior-474005**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

## **DEPARTMENT OF INFORMATION TECHNOLOGY**



**FINISHING SCHOOL PROGRAM (Online Internship) - 2021**

**DATA SCIENCE FOR BEGINNERS**

**ASSIGNMENT-1**

**SUBMITTED TO:**

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**SUBMITTED BY:**

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IT 3<sup>RD</sup> Year (6<sup>TH</sup> Sem)

Q.1 WAP to print multiplication table of a number using while loop in python.

### **CODE:-**

```
print('NEERAJ GOPAL VERMA-0901IT181038') #user details
```

```
num = int(input("\nenter the number you want table of :")) #input by user  
count = 0
```

```
while count<=10:      #while block  
    product = num*count #calculation  
    print(num, 'x', count, '=', product)  
    count +=1 #increment
```

### **OUTPUT:-**

```
NEERAJ GOPAL VERMA-0901IT181038  
  
enter the number you want table of :10  
10 x 0 = 0  
10 x 1 = 10  
10 x 2 = 20  
10 x 3 = 30  
10 x 4 = 40  
10 x 5 = 50  
10 x 6 = 60  
10 x 7 = 70  
10 x 8 = 80  
10 x 9 = 90  
10 x 10 = 100
```

Q.2 Write a function that accepts a list of items a person wants on a sandwich. The function should have one parameter that collects as many items as the function call provides, and it should print a summary of the sandwich that is being ordered. Call the function three times, using a different number of arguments each time.

### **CODE:-**

```
print('NEERAJ GOPAL VERMA-0901IT181038') #user details

def order_sandwich(*extras): #function for adding extra to sandwich
    print("\nextras in the sandwich are listed below:")
    for i in extras: #loop for iterating items to be added
        print('-> ' + i)

order_sandwich('Veggies')
order_sandwich('Veggies','Jalapenos')
order_sandwich('Veggies','Jalapenos','Chipotles')
```

### **OUTPUT:-**

```
NEERAJ GOPAL VERMA-0901IT181038

extras in the sandwich are listed below:
-> Veggies

extras in the sandwich are listed below:
-> Veggies
-> Jalapenos

extras in the sandwich are listed below:
-> Veggies
-> Jalapenos
-> Chipotles
```