Name: Vinayak Singh Register No: 23MCA1030 Date: 02-08-2023

## Q1. Print largest number among three number

#### Q2. Even odd number

```
evenorordd.py ×
  evenorordd.pv > ...
       number=input("Enter a number: ")
       x=int(number)%2
       if x==0:
           print("The number is Even")
   4
           print("The number is odd")
   6
           OUTPUT
                  DEBUG CONSOLE
 PROBLEMS
student@hostserver42:~/Desktop/23MCA1030$ /bin/python3 /home/student/Desktop/23MCA1030/evenorordd.py
 Enter a number: 50
 The number is Even
 student@hostserver42:~/Desktop/23MCA1030$ /bin/python3 /home/student/Desktop/23MCA1030/evenorordd.py
 Enter a number: 43
 The number is odd
o student@hostserver42:~/Desktop/23MCA1030$ sn
```

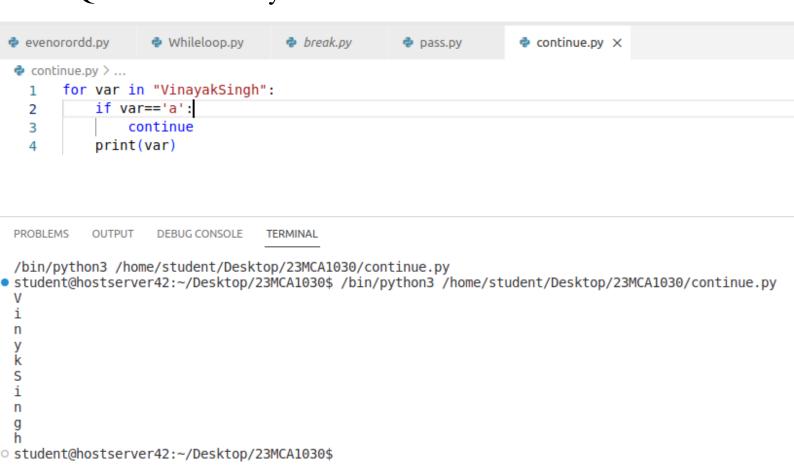
### Q3. While Loop Print

```
evenorordd.py
                                                pass.py
                                                              continue.py
 Whileloop.pv > ...
       n=int(input("enter a value less then 10 : "))
       while(n<=10):
           print(n)
           n=n+1
 PROBLEMS
                  DEBUG CONSOLE
                                TERMINAL
           OUTPUT
student@hostserver42:~/Desktop/23MCA1030$ /bin/python3 /home/student/Desktop/23MCA1030/Whileloop.py
 enter a value less then 10 : 8
 8
 10
student@hostserver42:~/Desktop/23MCA1030$
```

#### Q4. Break in Python



# Q5. Continue in Python



Q6. The Head Librarian at a library wants you to make a program that calculates the fine for returning the book after the return date. You are given the actual and the expected return dates Calculate the toe as follows

- a. if the book is returned on or before the expected return date, no fine will be charged, in other words fine is 0.
- b. if the book is returned in the same month as the expected return date, Fine 15 Rupees Number of late days
- c. if the book is not resumed in the same month but in the same year as the expected return date, Fine 500 Rupees Number of late months
- d. If the book is not returned in the same year, the fine is fixed at 10000 Rupees

```
Librarian.py > [@] actual_return_date
   1 def calculate fine(actual date, expected date):
   2
           actual_day, actual_month, actual_year = actual_date
           expected_day, expected_month, expected_year = expected_date
   3
   4
   5
           if actual_year > expected_year:
               return 10000
   6
   7
           elif actual_year == expected_year:
               if actual_month > expected_month:
   8
   9
                    return 500 * (actual_month - expected_month)
               elif actual_month == expected_month:
  10
                    if actual day > expected day:
  11
  12
                        return 15 * (actual_day - expected_day)
  13
           return 0
  14
      actual return date = (5, 8, 2023)
  15
      expected return date = (2, 8, 2023)
      fine = calculate_fine(actual_return_date, expected_return_date)
      print("Fine: {} Rupees".format(fine))
                                                                                   □ Code + ∨ □ 🛍 ··· ^ ×
(c) Microsoft Corporation. All rights reserved.
D:\Coding\Python>python -u "d:\Coding\Python\Librarian.py"
```

**END**