

## MCA, Semester I

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## Department of Computer Science

## MCAC-101 Object Oriented Programming

## Minor Exam, Feb-2022

Max marks: 20

Max time: One Hour

## Instructions:

- I. All questions are compulsory.
- II. You MUST document your code properly for full credit.

1. What is the output of the following? In case of any error, mention the reason of the error. (4x2=8)

(a) <pre>def dummy(x):     try:         print(x)     else:         print("In else part") dummy(34)</pre>	(b) <pre>def dummy(x):     try:         print(x/0)     except:         print("In Except")     else:         print("In else")     finally:         print("In Finally") dummy(5)</pre>
(c) <pre>def dummy():     try:         print("In try block")     except IndexError:         print("E")     except:         print("R")         print("R")         print("O")         print("R")     else:         print("In else") try:     dummy(3) except Exception as e:     print(e)</pre>	(d) <pre>def myDiv(x,y):     if y==0:         raise ZeroDivisionError     else:         return x/y try:     print(myDiv(x,y)) except ZeroDivisionError as e:     print("ERROR:",e)</pre>

2. Write a recursive function, myCount that accepts a list and returns the number of elements in the list. (6)

Note: don't use any in-built function to find length of a list.

e.g.

list1=["Hello World!", 34, 0]

myCount(list1) should return 3

3. Write a function that accepts a file name and returns the number of words in the file. Also, prompt message if file does not exist. (6)