SIKSHA 'O' ANUSANDHAN DEEMED TO BE UNIVERSITY

Admission Batch:

Session:

Laboratory Record Programming in Python (CSE 3142)

Submitted	\boldsymbol{by}
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Branch: Computer Science and Engineering			
Semester: 5^{th} Section: \mathcal{D}			



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Minor Assignment -5

Scope

a) study the freguen segments given below. Give the outful freduced, if any.

global Va = 10

def test ():

escal Var = 20

frunt ('Inside function test: globallar = ', globallar)

found ('Inside function test: localbre = ', local Vase)

test ()

fount ('outside function test; globalvar = ', globalvar)

found ('outside function test: Local Vor = ', Local Vor)

40

Pocogram :-

globalber = 10

def test ():

local Vove = 20

frunt ('Inside function test: global Vac = ', global Vac)

found ('Inside function test: localVar = ', localVar)

test ()

fount ('outside function test: global var = ', global var)

found ('outside function test: localvar = ', localvar)

output :

Inside function test: geobalvar = 10

Inside function lest: localVag = 20

outside function ted; globallor = 10

Exception has occured: NameEverose

name 'tocalvari & not defined

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(2) study the foregram signents given below five the output fooder
    -ced, if any.
      global Var = 10
      def text 1:
          Josal Var = 20
           global Vare = 30
           found ('Inside function dest! globalVare - ', globalVare)
           fount l'inside function test: localvar = 1, localvar)
      test ()
      found outside function dest: globalvar = ', globalvar
Porogram :-
global Var = 10
def test ():
   tocal Vare = 20
    global Var = 30
    fount ('anside function test: globalvar = ', globalvar)
     found ('Inside function test: local Var = '3 local Var)
test ()
found C'autside function test: globalvare = ', globalvar)
 output : -
 anside function test: global vor = 30
Insecte function test: Local Var = 20
outside function text: global Vor = 10.
(3) study the foregram segments given below: Give the outfield
    froduced, if any,
        global Var = 10
         def test ():
              global globallar
               locallor = 20
               globallor = 30
                fount ("Inside function test: globalVare = ", globalVar)
                frunt l'inside function lest: locallar = 1, locallar)
       Name: Soswat Mohanty
                                    41
                                          Regd. Number: 1941018404
```

```
test()
        frund ('outride function text: global vor = ', global var)
Program :-
global Vare = 10
def test ():
     global global Var
     localVar = 20
     global Vare = 30
     found ('anside function test: global lave = ', global lar)
      frent ('arside function test: local Vare = ', local Var)
 () kest
fount ('outside function test: global Vare = ', global Var)
 outful:
 Inside function test: global Var = 30
Inside function test: localvar = 20
Outside function test: global Vare = 30
an) study the freguen segments below fine the outful freduced,
    Lyany.
       def test ():
              test1. a = 10
              def test 2():
                   testia= 9
                    fount ('Inside function testa: ', testi. a)
                tista()
               fount ('outside junction testa: ', tests. a.
        test 10)
 - 3 marposed
def testic):
   testia = 10
   def testa ():
       Name: Fasurat Mohanty
                                            Regd. Number: 1941013407
                                    Ha
```

```
tests. a = 8
       found ('Inside function tosta: ', tost 1.a)
    () ested
    found ('Outside function test 3: ', test 1.a)
tell ()
outfud: -
Inside function testa: 8
Outside function test 2:8
as) the foregram segments given below. Give the outful (30
    - red if any.
       a =4
       def fc):
            a = 5
            def q():
                nontocal a
                 a=10
                 fruit ('inside function q, ', 'a = ', a)
                  defnes:
                       nonlocal a
                        a=20
                        fount ('insede function h, ', 'a=',a)
                   hl)
               g()
               found ('inside function f,', 'a = ', a)
          4C)
Priogeram:
0=4
def 3():
  a= 5
   at go:
      nonlocal a
```

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```
a=10
        fount ('inside function g,', 'a=',a)
         def his:
             nonlocal a
              a = 20
              fount ('inside function h, ', 'a=', a)
         h()
     g()
     fount l'inside function f, ', 'a = ', a)
fc)
outful:
inside function g, a = 10
inside function h, a = 20
insede function f, a = 20
ab) study the program segments given helow. Igue the output peroduced,
   if any.
      x=2
      dy test!):
           2C= 2C+1
           fount (2)
      fount (x)
Porogram o
2 = 2
def test ():
    x=x+1
    fount (x)
went (x)
outful:
2
```

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```
87) study the fregream signests given below. You the outful produ-
9
3
          x = 2
3
          def test ():
                global x
1
                 2=2+1
)
                 found(2)
3
           fount (x)
3
   - margarea
3
    x = 2
   def test ():
3
         global x
3
          2=2+1
3
          found(x)
3
5
   Output :-
7
    2
3
3
5
9
1
Ç
2
3
         Name: Easunt Mohanty
                                    45
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3
```