**ASSIGNMENT-12**

**Exception Handling**

Let’s handle some exceptions.

1. Name and handle the exception occured in the following program:

a=3

if a<4:

a=a/(a-3)

print(a)

2) Name and handle the exception occurred in the following program:

l=[1,2,3]

print(l[3])

3) What will be the output of the following code:

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| # Program to depict Raising Exception    try:  raise NameError("Hi there") # Raise Error  except NameError:  print "An exception"  raise # To determine whether the exception was raised or not  4) What will be the output of the following code:  # Function which returns a/b  def AbyB(a , b):  try:  c = ((a+b) / (a-b))  except ZeroDivisionError:  print "a/b result in 0"  else:  print c  # Driver program to test above function  AbyB(2.0, 3.0)  AbyB(3.0, 3.0)    5) Write a program to show and handle following exceptions:   * ImportError * Value Error * Index Error   6) Create a user-defined exception **AgeTooSmallError()** that warns the user when they have entered age less than 18. The code must keep taking input till the user enters the appropriate age number(less than 18). |
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