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| **PRACTICAL NO. 4C** | |
| NAME OF STUDENT | Ashutosh Arun Bagal |
| CLASS/BATCH/ROLL NUMBER | SEIT1/B1/08 |
| DATE OF PERFORMANCE | 03-05-2021 |
| DATE OF SUBMISSION | 03-05-2021 |
| PROBLEM STATEMENT | Write a Program to Create a menu-driven application that should cover all the built-in exceptions in  Python. |
| SOFTWARE USED | Google Colab |
| PROGRAM CODE | print("Exception Handling: Types of Exceptions")  def arithmetic():      try:          a=1/0      except Exception as e:          print(e)  def keyindex():      try:          a=[1,2,3]          print(a[100])      except Exception as e:          print(e)  def typerror():      try:          list1 = [1,2,3,4]          arr = list+ 'string'          print (arr)      except Exception as e:          print(e)  def valueerror():      try:          variable = ‘adie’          print(int(variable))      except Exception as e:          print(e)  def module():      try:          import unknown\_module      except Exception as e:          print(e)  choice=0  while choice!=6:      print("\n Enter your choice: \n 1.Arithmrtic error \n 2.keyindexerror \n 3.Type error \n 4.Attribute error \n 5.ModuleNotFound error \n 6.Exit")      choice=int(input("Enter your choice:"))        if choice==1:          arithmetic()      elif choice==2:          keyindex()      elif choice==3:          typeerror()      elif choice==4:          valueerror()      elif choice==5:          module()      else:          print("These were the errors.") |
| OUTPUT |  |
| CONCLUSION | This is how we implemented the program for exception handling and shown few of them. |
| LAB OUTCOME | 1] Understand the structure, syntax, and semantics of the Python language.  2] Create Python applications using modules, packages, multithreading and exception  handling |