1. What is the role of try and exception block?
2. What is the syntax for a basic try-except block?
3. What happens if an exception occurs inside a try block and there is no matching except block?
4. What is the difference between using a bare except block and specifying a specific exception type?
5. Can you have nested try-except blocks in Python? If yes, then give an example.
6. Can we use multiple exception blocks, if yes then give an example.
7. Write the reason due to which following errors are raised:
     a. EOFError
     b. FloatingPointError
     c. IndexError
     d. MemoryError
     e. OverflowError
     f. TabError
     g. ValueError
8. Write code for the following given scenario and add try-exception block to it.
     a. Program to divide two numbers
     b. Program to convert a string to an integer
     c. Program to access an element in a list
     d. Program to handle a specific exception
     e. Program to handle any exception