**Experiment 5**

**Title : Python Exceptions and Assertions**

Implement following Problem Statements in Python :

1. Implement following codes using Exception handling.
   1. Demonstrate Divide By Zero error
   2. Array index out of bounds
   3. File opening error
2. Implement following codes using Assertions.
   1. While converting Kelvin To Fahrenheit assert that inputted temperature is greater then 0.
   2. While copying source file to destination file assert that Source file should exist in “current” directory.
   3. Ask user to enter email ID and assert that entered ID contains @ symbol.