Python: Assignment 9 – Exception Handling

1) Define a class patient (patient_name, patient_age, patient_oxy_level, patient_HRCT_report). Create an object of patient. Handle appropriate exception while patient oxygen level less than 95% and HRCT scan report greater than 10, then throw user defined Exception "Patient is Covid Positive(+) and Need to Hospitalized" otherwise display its information.

2) Define class EmailId with members, username and password. Create an object of EmailId. Throw user defined exceptions – "InvalidUsernameException" or "InvalidPasswordException" if the username and password are invalid.

3) Write a Python program to accept a number from user. Calculate a square root of that number. Handle 'ValueError' exception. Display square root of given number.