Python Programming Lab

MSc SS 4th sem

1. Write a Python program to input the details of a Patient like patient\_name, gender, date\_of\_birth, address, weight, symptoms (as a tuple), tests (as a dictionary, with test\_name as the key, and the test\_result as the value).

Create a dictionary Dengue\_normal\_ranges {test1: normal\_range1, test2: normal\_range2, …}

Sample Tests are as follows:

|  |  |
| --- | --- |
| **Test** | **Normal Values** |
| IgM ratio | <1.2 |
| HI | <1280 |
| Platelet count | >100000 |

Input suitable data for ‘n’ patients and check if that patient is Dengue positive, based on the tests. The input data must be such that all possible cases are verified and validated.