**Python assignment\_2**

**NOTE: (Explain all questions in details also with example)**

1. What is Encapsulation? Explain with example.
2. Explain Hash table with example.
3. Explain Abstract Data Type and Classes with example.
4. What is ‘self ‘in python? Explain with example.
5. What is Exception handling? Explain with example.
6. What Assertions? Explain with example.
7. What is Inheritance? Explain with example.
8. Explain Class in python with example.
9. Explain Search algorithms in python with example.
10. Explain Information hiding with example.
11. Explain Sorting algorithms in python with example.