

## Experiment 1

The aim of this experiment is to introduce applications of python datatypes. The file exp1b\_mannual.pdf gives an introduction to the datatypes. Implement the following steps in Python.

1. Create a variable and identify its type.
2. Create a string and a character variable. Identify the relation between the two.
3. Create a list of integers and identify it's length. Create a list of strings and identify it's length.
4. Store coordinates of 10 points in a list. Use tuple to store a single coordinate.
5. Create a dictionary to store you name, age and the subject.
6. Create a function to add two numbers.
7. Print first 10 positive integers using for loop.
8. Create a class 'car'. The class should have a constructor and a function 'drive'. The function should print the model and make of the car.