Why Data Types

- On data we perform required computational operations
- Data is mainly of two type

1. *Numeric*
2. *Character/ Alphabetic*

- Data can be either of these two or the combination go this type

• *Numeric*

- There are represented in binary form to the machine

- They are of 2 types

I. Integer

- Integers are numbers without decimal

Ex : 2 , 1 , 56 , 45 , 23

II. Float

- The numbers with decimal are called float numbers in programming

Ex : 12.5 , 56.8 , 12.44

• *Character/ Alphabetic*

- The collection of characters or alphabets to form a single entity is called strings

- A string may be a any name , place or word from a dictionary

- c++ supports both single character or collections of characters

- There are also represented in binary form to the machine through ASCII codes