

# Variable

**Q1. What are the basic data types used in C programming language?**

**Ans1:** C data type can be categories in two ways-

1-Primitive data type –

- int
- float
- char
- Boolean.

2- User defined data type or derived data type-

- Pointer
- Array
- Union
- String
- Structure.

**Q2. Which operator is used in the process increment and decrement statement in C programming language?**

**Ans2:**Following are the two operators used to perform increment and decrement.

1. ++ operator is used for increment.

When x=1, x++ will return 2.

2. -- operator is used for decrement.

When x=3, x-- will return 2.

**Q3. Describe Wild card operator in C?**

**Ans3:**A wild card is a symbol which is used to replace, and represent one or more characters. Ex- \*

**Q4. What is the difference between prefix increment and postfix increment?**

**Ans4:**Prefix increment is the process of increment when increment happen first on a variable. Ex- ++a.

Postfix increment is the process of increment when increment happens after the value of a variable used for the operations. Ex- a++.

**Q 5) what is an assignment operator?**

**Ans5:** Assignment operators are used to assign the left side value is equal to right side value. =,<=,>= etc. these operator also can be used as relational operator.