

Day-4

what are the types of datatypes in c++ ?

datatypes are classified into 3 types in c++. they are ,

1. Built in Datatypes
 - void (only for function not for any variable)
 - int
 - float
 - char
 - double
 - bool
 - long
2. user defined datatypes
 - struct
 - union
 - enum
 - class
 - typedef
3. derived datatypes
 - array
 - pointer
 - function
 - reference

we have learned how to assign values for the declared variables in previous day , if you have a doubt refer to it

we have declared variables with the Built in datatypes

int

the int stores integers (whole numbers), without decimals

char

the char keyword is used to declare character type variables.

float

float is the datatype used to store decimal Numbers

double

The double data type is basically a precision sort of data type that is capable of holding 64 bits of decimal numbers

bool

bool is a datatype used to store true or false (Booleans)

long

Long data types are whole numbers, both positive and negative, that have many place values. Examples: -398,741,129,664,271.

we are going to see how to declare and userdefined datatypes

1)class

what is /* */ ?

It is used to write command in multiple line , where // is used to write commands in single line

what is myclass (in the above code)?

myclass in the above code is the object like variable to store and use the class

2)struct

what is struct ?

struct is the keyword to create a structure.
we also use this to get input and store in the variable

You don't need to learn about other types in userdefined functions (because this is a beginner course)