## Date C++ Constryctors



+ Constructors is a special type of reachers temperion-that is coulled autoratorically when an object is created.

That of the class of it does not have a serven type for Example,

Class Hall 3 public:

Wall()

11 codo

, Il Code

Here, the function wall is a constructor of the class wall. Notice that the Constructor.

- · has the same name as class name.
- · does not have getern type, is public.

C++ Depaut Constructor

A instancter with no perodocter is known as a defout Constancter. In this example abhove walls will be a defourt Constancter. Expustano 1-10 Gaathi

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|----------|-----|-----|-----|--------|-------|
|          |     | V   |     |        |       |

#include (iostreams)
using numespace std;

du Machadana

declear the class

Class wall &

private

double length;

public:

Adouble Constructor to initilize variables.

Wall () वृ

length = 5.5;

Cout << " Creating a wall." << ends;

Cout <<" Length =" << length << endl;

٤:

int main()3

wellt;

Ection of the substitute of

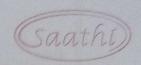
3

Output 3-

Creating a wall

Length = 5.5.

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Here, when the walls object is created the walls constructor is could. This sets the length variable object to 5.5.

## C++ parameterized Constructure

In C++, a Constructor with parenters is known as a parametersized constructor. This is the perferred method to initilize members data.

## C++ Copy Constructes

to copy dours of one object to another.

Note: -

object. They are also used to sun a despeut code when an object is Greated.