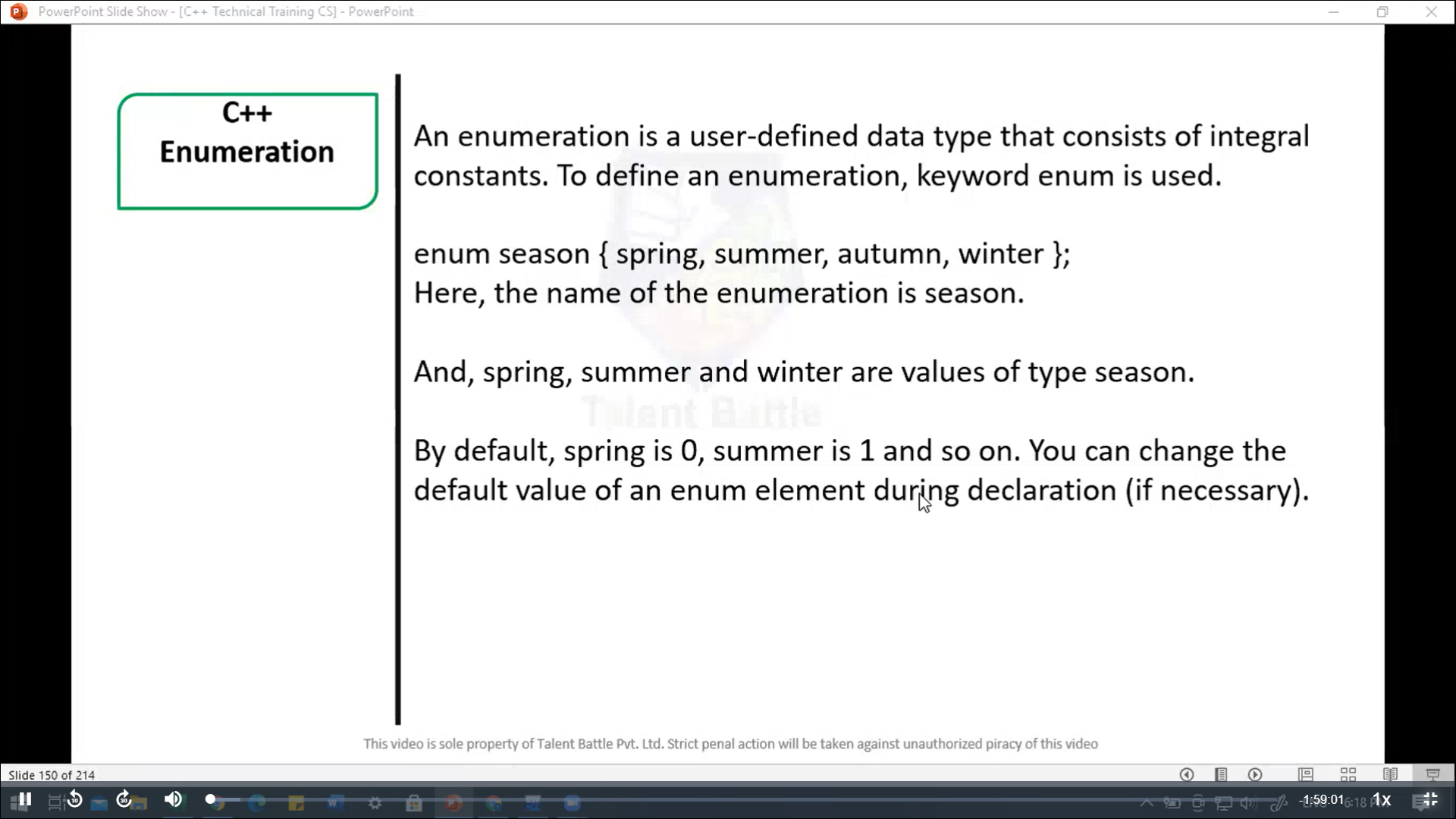
**Day4**

C++ Class & Object

****

// Enumeration

#include <iostream>

using namespace ***std***;

enum week { Sunday***,*** Monday***,*** Tuesday***,*** Wednesday***,*** Thrsday***,*** Friday***,*** saturday

};

int *main*(){

  week today;

  today = Wednesday;

  cout ***<<*** "Day" ***<<*** today + 1;

  return 0;

}

/\*

Day4

--------------------------------

Process exited after 0.1415 seconds with return value 0

\*/

//=========================================================

// Enumeration ex: 2

#include <iostream>

using namespace ***std***;

enum seasons{

  spring = 34***,***

  summer = 4***,***

  automn = 9***,***

  winter = 32

};

int *main*(){

  seasons s;

  s = summer;

  cout *<<* "Summer = " *<<* s *<<* *endl*;

  return 0;

}

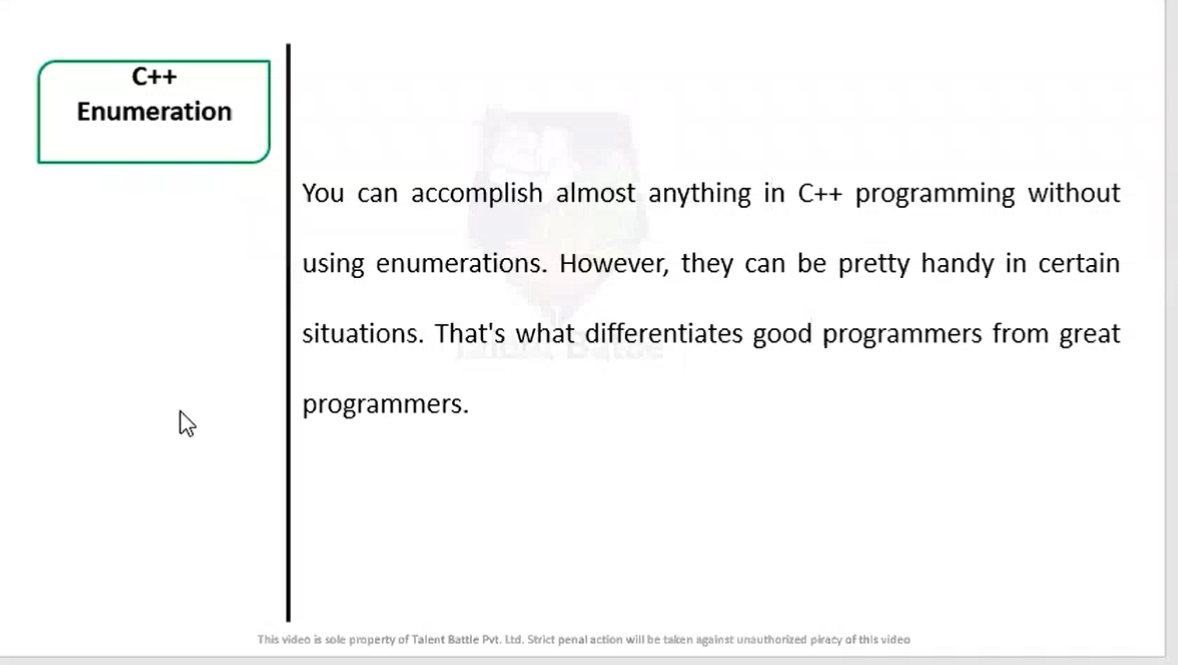
/\*

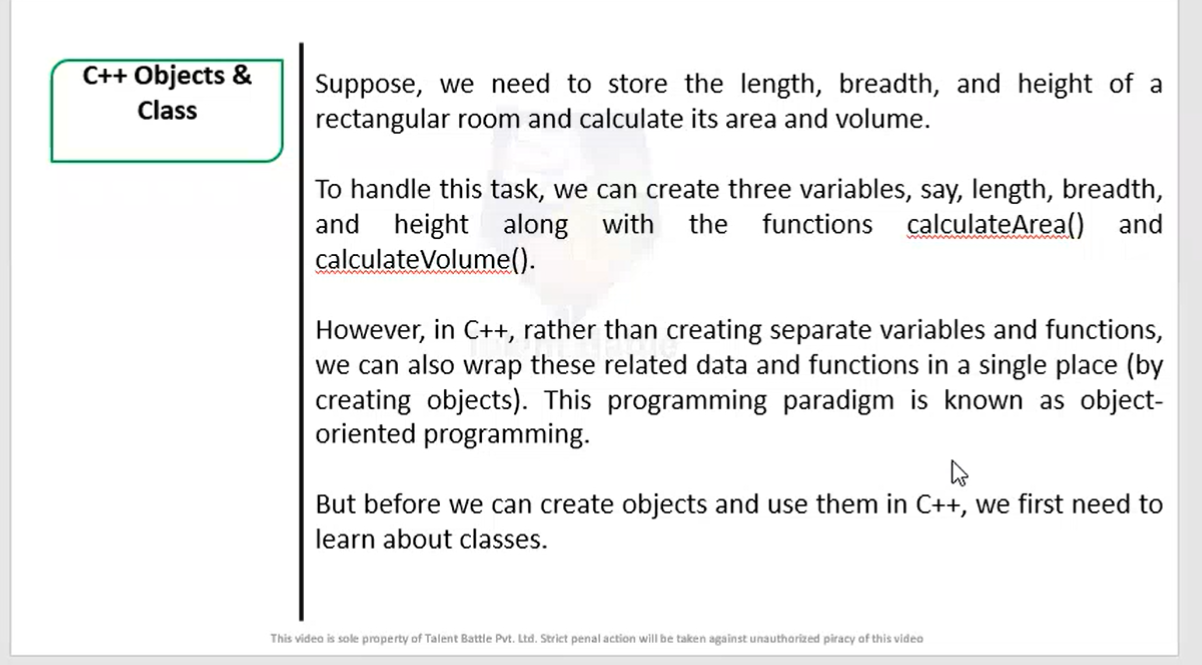
Summer = 4

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Process exited after 0.01113 seconds with return value 0

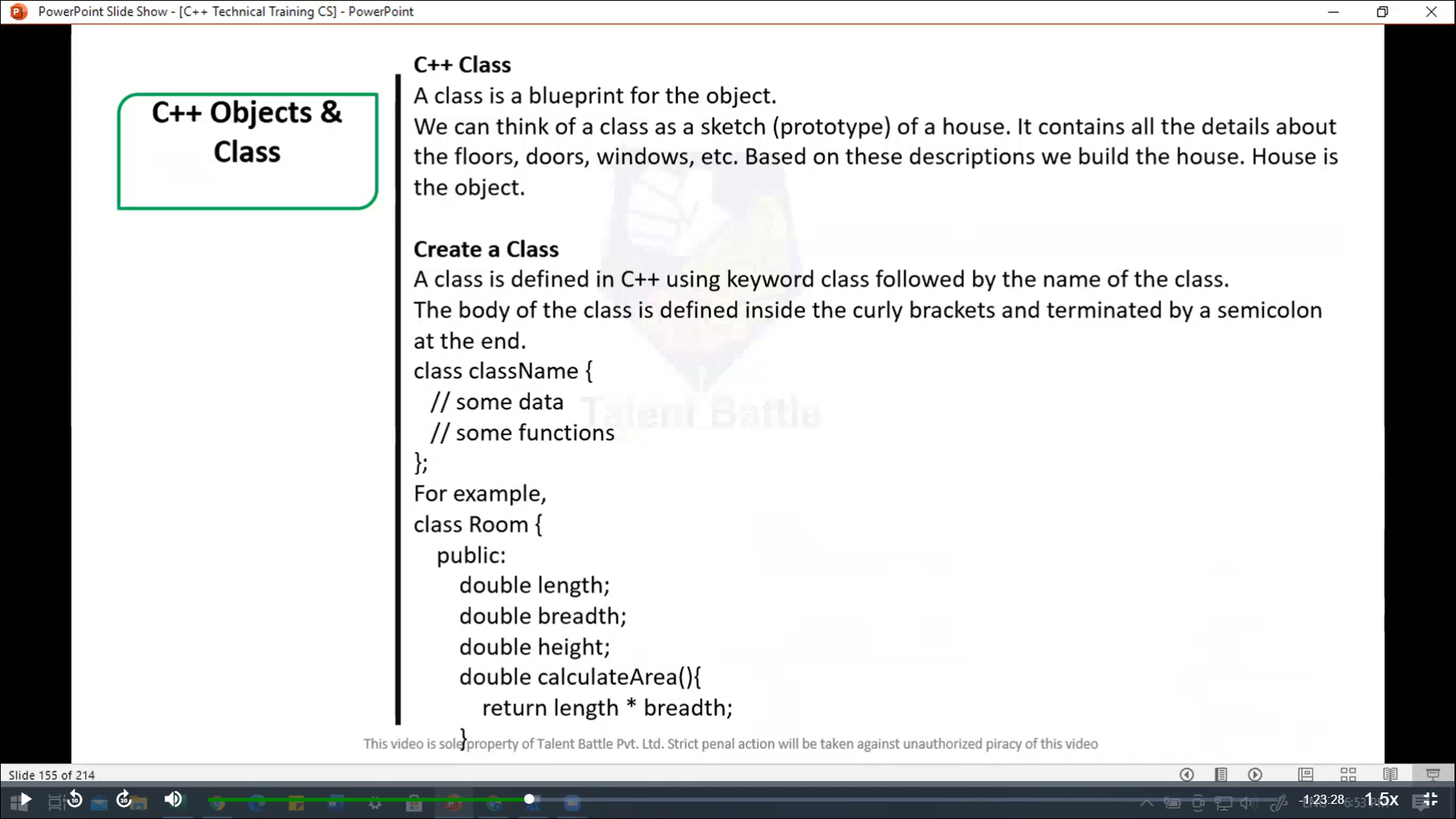
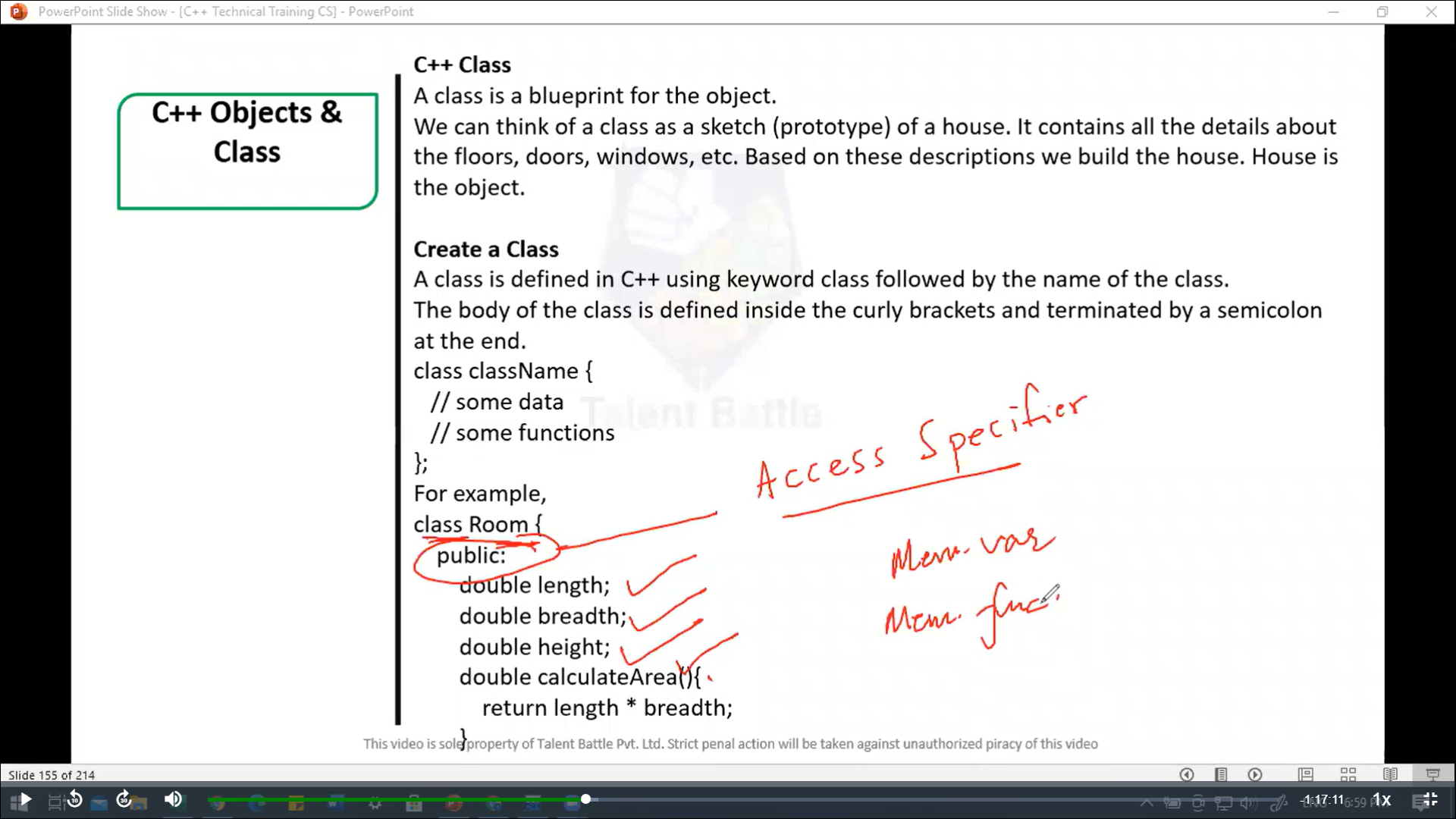
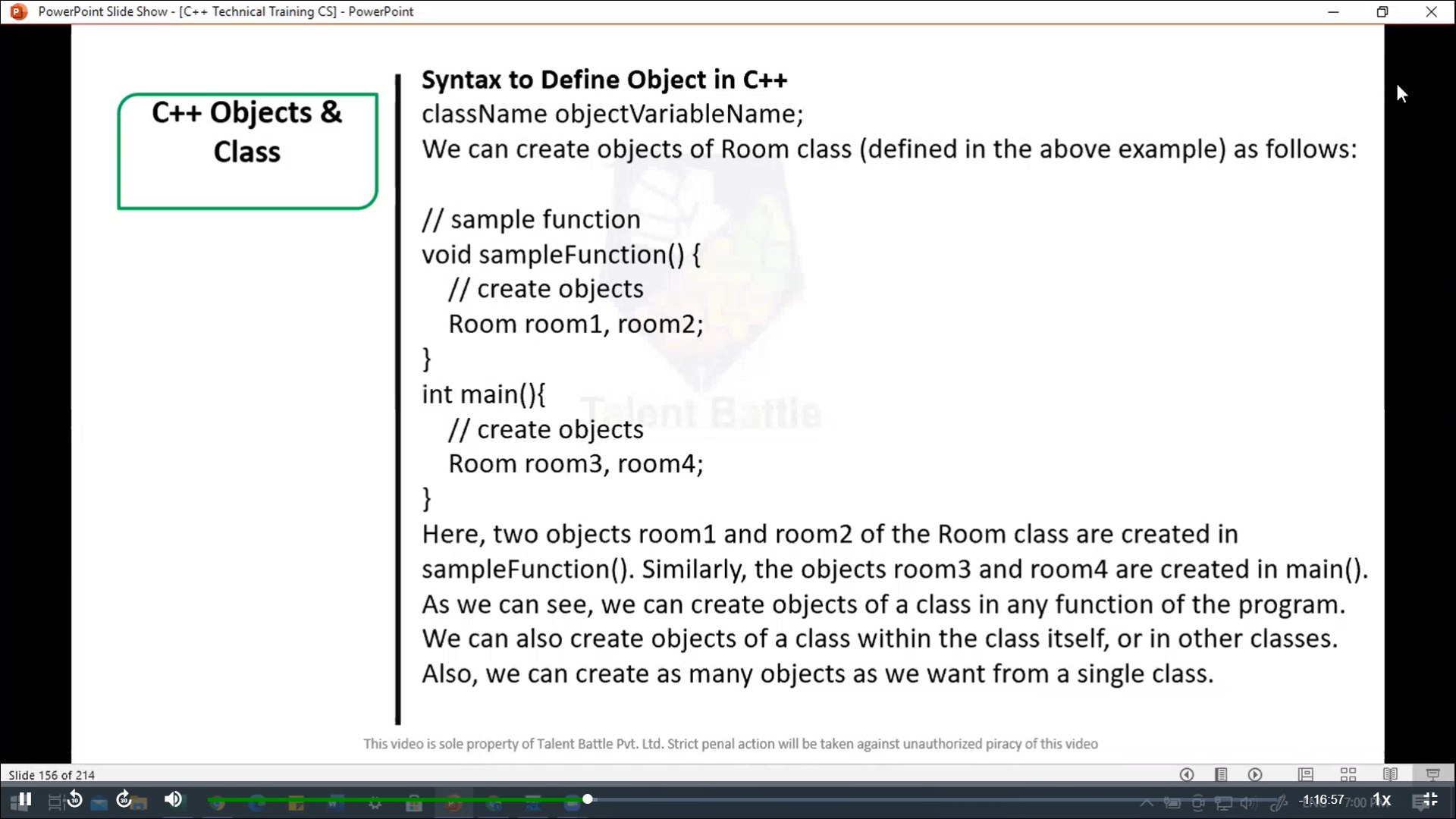
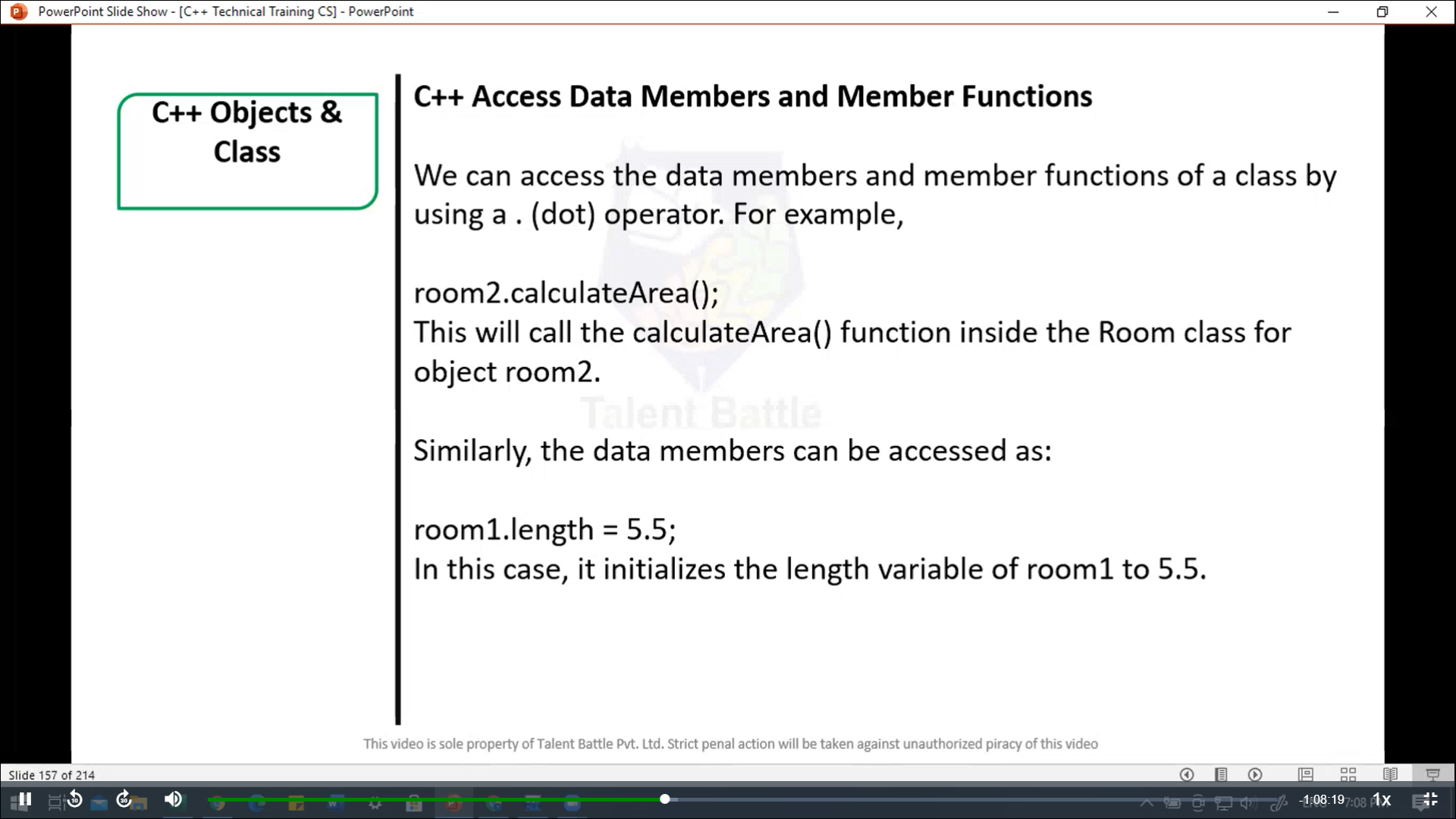
\*/

****

****

object

**This is Object oriented programming**

**** **** **** ****

//=========================================================

// C++ Objects & Class

// program to illustrate the working of objects and

// class in c++ programming

#include <iostream>

using namespace ***std***;

// create a class

*class* Room {

  public***:***

    double length;

    double breadth;

    double height;

    double *calculateArea*(){

      return length \* breadth;

    }

    double *calculateVolume*(){

      return length \* breadth \* height;

    }

};

int *main*(){

  // create object of Room  class

  Room room1;

  // assign values to data members

  room1***.***length = 42.5;

  room1***.***breadth = 30.8;

  room1***.***height = 19.2;

  // calculate and display the area and volume of the room

  cout *<<* "Area of Room = " *<<* room1***.****calculateArea*() *<<* *endl*;

  cout *<<* "Volume of Room = " *<<* room1***.****calculateVolume*() *<<* *endl*;

  return 0;

}

/\*

Area of Room = 1309

Volume of Room = 25132.8

--------------------------------

Process exited after 0.1369 seconds with return value 0

Press any key to continue . . .

\*/