

Title: Program to implement various access spaifics

Aim: To write a program to implement various access specificos in (++.

Throng:

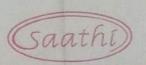
Access Specifier:

Thise are used to implement ion important aspect of object - Oriented Programing know as Data-Hiding Access Modifier or Access

specificus is a class are used to assign the accessibility to the class member. different types of access modifiers available in C++:-

- 1) Public
- 2) Privato
- 3) Protected

Note: It wo do not specity any access modifiers for the members inside the class they by default the access modifier for the member will be Private.



1) Public :-

All the class members declared under the public specifier will be available to. The data members and member tunctions declared as public can be accessed by other classes and functions too. The public members of a class can be accessed from anywhere is the program using the direct access operator (.) with the object of that class.

Object membertunctions;

Example :-

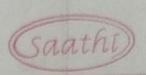
51. Setdata ();

2) Private:

The class members declared as 'private' can be accessed anly by the member tunction inside the class.

They are not allowed to be accessed directly by any object or function outside the class. Only the member tunctions as the triend tunctions are allowed to access the private data members of a class.

```
PROGRAM :-
#include Kioshram > Ilheader file
#include (esting) // // // // header hie
using warmespace std;
class student & Il declaring class
  Private: 11 alless spelitive
      int rollno; lac
   6 ming Name;
 Public: 1/ quess specifier
   void schdata ()
   Cout << "Enter your Roll No :-";
   cin >> YOIINO;
   (out << " Enter your Namo :- ";
   (in > name;
  void displaydata ()
   3 << end);
```



int main ()

Shudent SI; Il devoring object

SI-setdata (); Il accessing

SI-display data (); Il accessing member

tunctions

Output :-

Enter your ROII NO: - 1906035 Enter your Name i- Akshay

your Roll No: 1906025

By doing this practical, I understood about access specifier and understood to code it in c+t.