

Don Bosco Institute of Technology, Kurla(W)
Department of Electronics and Tele-Communication Engineering
ECL304 - Skill Lab: C++ and Java Programming
Sem III
2021-22

Lab Number:	7
Student Name:	Pratham Amare
Roll No :	23

Title:

1. To write a program to demonstrate friend function in C++.
2. To write a program to demonstrate friend class in C++.

Learning Objective:

- Students will be able to implement friend function and friend classes in C++.

Learning Outcome:

- To understand how to use the private members using friend function and friend class.

Course Outcome:

ECL304.6	Percept the Utility and applicability of OOP
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Theory:

- Explain in details about access specifiers: public, private and protected.
- Explain about friend function and friend classes in C++.

Algorithm :	
Program:	<pre>#include <iostream> using namespace std; class Distance { private: int meter;</pre>

Faculty: Ms. Deepali Kayande

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	<pre>// friend function friend int addFive(Distance); public: Distance() : meter(0) {} }; // friend function definition int addFive(Distance d) { //accessing private members from the friend function d.meter += 5; return d.meter; } int main() { Distance D; cout << "Distance: " << addFive(D); return 0; }</pre>
Input give n:	

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**Out
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:**

C:\Users\Pratham\OneDrive\Desktop\C++\friend class.exe

Distance: 5

Process exited after 7.847 seconds with return value 0

Press any key to continue . . .



Type here to search



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