

```
#include <iostream>

using namespace std;

// Class definition
class Project {
public:
    // Data members
    string name;
    string language;
    int lines;
    string finalDate;

    // Constructor
    Project(string n, string lang, int l, string date) {
        name = n;
        language = lang;
        lines = l;
        finalDate = date;
    }

    // Method to display project details
    void display() {
        cout << "Project Name : " << name << endl;
        cout << "Language Used : " << language << endl;
        cout << "Lines of Code : " << lines << endl;
        cout << "Final Date : " << finalDate << endl;
    }
}
```

```
};
```

```
int main()
```

```
{
```

```
    // Creating 3 objects
```

```
    Project p1("Inventory System", "C++", 1500, "31-July-2025");
```

```
    Project p2("Weather App", "Python", 1200, "28-July-2025");
```

```
    Project p3("ChatBot", "Java", 2000, "30-July-2025");
```

```
    // Calling methods using objects
```

```
    p1.display();
```

```
    p2.display();
```

```
    p3.display();
```

```
    return 0;
```

```
}
```

Output:

```
C:\Users\sahan\Downloads\C  x + v
Project Name      : Inventory System
Language Used     : C++
Lines of Code     : 1500
Final Date        : 31-July-2025

Project Name      : Weather App
Language Used     : Python
Lines of Code     : 1200
Final Date        : 28-July-2025

Project Name      : ChatBot
Language Used     : Java
Lines of Code     : 2000
Final Date        : 30-July-2025

-----
Process exited after 0.7158 seconds with return value 0
Press any key to continue . . .
```