```
int book id;
   string book_title;
    void display book() {
        cout<<"Book Title: "<<book title<<endl;</pre>
    void set_type(int id, string title, string author, string t) {
        type = t;
    void display_type() {
    void set subject(int id, string title, string author, string s) {
class ReferenceBook: public bookType, public subject {
    void set reference(int id, string title, string author, string t, string s) {
       bookType::type = t;
subject::sub = s;
       display_book();
        display sub();
    b.set reference(100, "The C++ Programming Language", "Balagurusamy", "Programming", "Computer Science");
```