



```
void rockrecord::getinfo()
                                                              These are the function
        char userchoice;
                                                              definitions which has the
        cout << " Enter name for rock ";
                                                              actual code which executes if
        cin >> name;
                                                              the functions are called or
        cout << " Enter power ==> ";
                                                              invoked.
        cin >> power;
        cout << " Alt weapon needed ==> ";
        cin >> userchoice;
        if (userchoice == 'Y')
                altweapon = true;
        else altweapon = false;
}
void paperrecord::getinfo()
                                                                    The altweapon for each class might be:
        char userchoice;
        cout << " Enter name for paper ";
                                                                    Rockrecord has a paper shredder for
        cin >> name;
                                                                    dealing with paper.
        cout << " Enter power ==> ";
                                                                    Scissorsrecord might have a jackhammer for
        cin >> power;
                                                                    dealing with rocks.
        cout << " Alt weapon needed ==> ";
        cin >> userchoice;
                                                                    Paperrecord might have a special metal
        if (userchoice == 'Y')
                                                                    cover or a rock to break scissors.
                altweapon = true;
        else altweapon = false;
}
void scissorsrecord::getinfo()
        char userchoice;
        cout << " Enter name scissors ";</pre>
        cin >> name;
        cout << " Enter power ==> ";
        cin >> power;
        cout << " Alt weapon needed ==> ";
        cin >> userchoice;
        if (userchoice == 'Y')
                altweapon = true;
        else altweapon = false;
}
```

These are the definitions of the **overloaded** functions.

They are overloaded since the datatypes of each function are different; but the name of the function is the same.

As far as the compiler is concerned, these are three different functions.