

```

#include <iostream>

using namespace std;

int main() {
    int grade;

    cout << "Enter your Grade: ";
    cin >> grade;

    switch (grade) {
        case 100: case 99: case 98: case 97: case 96:
            cout << "A+ \n";
            cout << "1.00 \n";
            break;
        case 95: case 94: case 93: case 92: case 91:
            cout << "A \n";
            cout << "1.25 \n";
            break;
        case 90: case 89: case 88: case 87: case 86:
            cout << "A- \n";
            cout << "1.50 \n";
            break;
        case 85: case 84: case 83: case 82: case 81:
            cout << "B+ \n";
            cout << "1.75 \n";
            break;
        case 80: case 79: case 78: case 77: case 76: case 75:
            cout << "B \n";
            cout << "2.00 \n";
            break;
        case 74: case 73: case 72: case 71: case 70: case 69:
            cout << "B- \n";
            cout << "2.25 \n";
            break;
        case 68: case 67: case 66: case 65: case 64: case 63:
            cout << "C+ \n";
            cout << "2.50 \n";
            break;
        case 62: case 61: case 60: case 59: case 58: case 57:

```

```

        cout << "C \n";
    cout << "2.75 \n";
        break;    case 56: case 55: case 54: case 53: case 52:
case 51: case 50:    cout << "C- \n";    cout << "3.00 \n";
        break;
default:    cout
<< "F \n";
        cout << "5.00 \n";
    }

    if (grade >= 96) {    cout
<< "Excellent \n";    } else if
(grade >= 86) {    cout <<
"Very Good \n";    } else if
(grade >= 69) {    cout <<
"Good \n";    } else if (grade
>= 50) {    cout << "Fair
\n";
    } else {
        cout << "Failed \n";
    }
    return 0;
}

```

The screenshot shows a C++ IDE with a file named `main.cpp`. The code implements a grade evaluation system. It uses a switch statement to handle specific grade values (63 to 68) and an if-else ladder for other values (96, 86, 69, 50). The output window shows the program's execution for a grade of 95, resulting in 'A', '1.25', and 'Very Good'.

```

main.cpp
35     cout << "2.75 \n";
36     break;
37     case 68: case 67: case 66: case 65: case 64: case 63:
38         cout << "C+ \n";
39         cout << "2.50 \n";
40         break;
41     case 62: case 61: case 60: case 59: case 58: case 57:
42         cout << "C \n";
43         cout << "2.75 \n";
44         break;
45     case 56: case 55: case 54: case 53: case 52: case 51: case 50:
46         cout << "C- \n";
47         cout << "3.00 \n";
48         break;
49     default:
50         cout << "F \n";
51         cout << "5.00 \n";
52     }
53
54     if (grade >= 96) {
55         cout << "Excellent \n";
56     } else if (grade >= 86) {
57         cout << "Very Good \n";
58     } else if (grade >= 69) {
59         cout << "Good \n";
60     } else if (grade >= 50) {
61         cout << "Fair \n";
62     } else {
63         cout << "Failed \n";
64     }
65     return 0;
66 }

```

Output

```

/cmp/rjTepbc0s7.o
Enter your Grade: 95
A
1.25
Very Good

```