

```
// This program illustrates the use of the Switch statement.
```

```
// Michael Steele
```

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    char grade;
```

```
    cout << "What grade did you earn in Programming I ?" << endl;
```

```
    cin >> grade;
```

```
    if (grade=='A' || grade=='B' || grade=='C' || grade=='D')
```

```
        cout << "YOU PASSED!!!" << endl;
```

```
    if (grade == 'A')
```

```
        cout << "an A - excellent work !" << endl;
```

```
    else if (grade == 'B')
```

```
        cout << "you got a B - good job" << endl;
```

```
    else if (grade == 'C')
```

```
        cout << "earning a C is satisfactory" << endl;
```

```
    else if (grade == 'D')
```

```
        cout << "while D is passing, there is a problem" << endl;
```

```
    else if (grade == 'F')
```

```
        cout << "you failed - better luck next time" << endl;
```

```
    else
```

```
        cout << "You did not enter an A, B, C, D, or F" << endl;
```

```
//switch ( grade )
```

```
    //{
```

```
    // case 'A': cout << "YOU PASSED!!!" << endl;
```

```
    // break;
```

```
    // case 'B': cout << "YOU PASSED!!!" << endl;
```

```
    // break;
```

```
    // case 'C': cout << "YOU PASSED!!!" << endl;
```

```
    // break;
```

```
    // case 'D': cout << "YOU PASSED!!!" << endl;
```

```
    // break;
```

```
    //}
```

```
//switch( grade )
```

```
    // This is where the switch statement begins
```

```
//{
```

```
        //case 'A' || 'B' || 'C' || 'D': cout << "YOU PASSED!!!!" << endl;
//    case 'A': cout << "an A - excellent work !" << endl;
//        break;
//    case 'B': cout << "you got a B - good job" << endl;
//        break;
//    case 'C': cout << "earning a C is satisfactory" << endl;
//        break;
//    case 'D': cout << "while D is passing, there is a problem" << endl;
//        break;
//    case 'F': cout << "you failed - better luck next time" << endl;
//        break;
//    default: cout << "You did not enter an A, B, C, D, or F" << endl;
//}
```

```
    return 0;
}
```