

Chapter 8

Making Decisions: How to code "switch" statements

A switch statement with a default case

```
switch ( letterGrade ) {  
    case "A":  
        message = "well above average";  
        break;  
    case "B":  
        message = "above average";  
        break;  
    case "C":  
        message = "average";  
        break;  
    case "D":  
        message = "below average";  
        break;  
    case "F":  
        message = "failing";  
        break;  
    default:  
        message = "invalid grade";  
        break;  
}
```

A switch statement with fall through

```
switch ( letterGrade ) {  
    case "A":  
    case "B":  
        message = "Scholarship approved.";  
        break;  
    case "C":  
        message = "Application requires  
review.";  
        break;  
    case "D":  
    case "F":  
        message = "Scholarship not approved.";  
        break;  
}
```