

## Conditional Tests – Using Break in Java Switches

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In the majority of cases, this is not desirable, therefore the coding should include a break command ...

```
switch (sales_month)  
  {  
    case 1:  
      System.out.println("January"); break;  
    case 2:  
      System.out.println("February"); break;  
    default:  
      System.out.println("Some other month");  
  }
```

Note the inclusion of *default*, which will capture all values not catered for by the Developer, as it's the last test there is no need for the *break*.

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With careful planning the lack of break in a switch can be quite useful, in the following example the months are grouped by quarters

```
switch (sales_month)
{
    case 1:
    case 2:
    case 3:
        System.out.println("Quarter 4"); break;
    case 4:
    case 5:
    case 6:
        System.out.println("Quarter 1"); break;
    default:
        System.out.println("Some other quarter");
}
```



From version 7 of Java onwards, the Developer can use Strings with switches ...

```
String sales_month = "January";
```

```
switch (sales_month)  
{  
    case "January":  
    case "February":  
    case "March":  
        System.out.println("Quarter 4"); break;  
    case "April":  
    case "May":  
    case "June":
```