

The else Statement

Use the `else` statement to specify a block of code to be executed if the condition is `false`.

Syntax

```
if (condition) {  
    // block of code to be executed if the condition is true  
} else {  
    // block of code to be executed if the condition is false  
}
```

Example

```
int time = 20;  
if (time < 18) {  
    System.out.println("Good day.");  
} else {  
    System.out.println("Good evening.");  
}
```

```
// Outputs "Good evening."
```

The else if Statement

Use the `else if` statement to specify a new condition if the first condition is `false`.

Syntax

```
if (condition1) {  
    // block of code to be executed if condition1 is true  
} else if (condition2) {  
    // block of code to be executed if the condition1 is false and condition2  
    is true  
} else {  
    // block of code to be executed if the condition1 is false and condition2  
    is false  
  
}
```

Example

```
int time = 22;  
if (time < 10) {  
    System.out.println("Good morning.");  
} else if (time < 20) {  
    System.out.println("Good day.");  
} else {  
    System.out.println("Good evening.");  
}  
  
// Outputs "Good evening."
```