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NESTED IF AND IF-ELSE

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What is Nested If?

Generally, if condition works like yes or no type. If the condition satisfies, it executes some block of code. Otherwise, it doesn't execute the code.

Nested means within. Nested if condition means if-within-if. Nested if condition comes unde decision-making statement in Java. There could be infinite if conditions inside an if condition. The below syntax represents the Nested if condition.

Syntax:

```
if(condition) {
    if(condition) {
        .....
}
```

```
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```

Nested simple if code

What is Nested if-else?

We saw how helpful if and else statements are, but what if we need to check for more conditions even when one condition is satisfied? In such cases, we use nested if-else statement. Nesting is the practice of enclosing several if-else statements within an if-and-else statement.

First, we'll use an if statement to determine whether the person is tall enough for the ride. Then, if he/she matches the height parameter, we would need to put another if and else statement. In the if block we again check whether the person is above or equal to 50 Kg of weight. Likewise, in the else

block, we would need to block the person from taking the ride if he/she is of not insisted height.

Syntax:

```
If(condition)
If(condition)
  .....body.....
 Else
.....body.....
}
}
Else
.....body.....
}
```

Case 1:

```
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```

• Nested if-else condition to allow a person to take a ride based on height and weight

Case 2:

```
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```

Nested if-else inside an else block to allow a person on a ride in a theme park