

**Question:** If you create a constructor method to build a DVD by title then create a constructor method to build a DVD by category. Does JAVA allow you to do this?

**Answer:** In this case, Java will not allow you to create the constructor method to build a DVD by category if the constructor method to build a DVD by title is created.

- In Java, we have **method overloading**, which means many methods can have the same names but different signatures (different in parameters' type and order). For example:

```
public DigitalVideoDisc(String title) {  
    this.title = title;  
}  
  
public DigitalVideoDisc(int category) {  
    this.category = category;  
}
```

Two methods which have the different signatures

- Two constructor methods must have the same name as **DigitalVideoDisc**. However, both two parameters *title* and *category* are having the same data type "String". Therefore these two methods will have the same signatures. Java does not allow you to create the two methods having the same signatures.

```
public DigitalVideoDisc(String title) {  
    this.title = title;  
}  
  
public DigitalVideoDisc(String category) {  
    this.category = category;  
}
```

Two methods which have the same signature