

```
package com.itbulls.learnit.javacore.oop.classes.typesofclasses;
```

```
public abstract class Product {
```

```
    private int id;
```

```
    private String name;
```

```
    private int minOrderQuantity;
```

```
    private boolean isDeliveryAvailable;
```

```
    public abstract boolean isAvailableInStock();
```

```
    public int getRemainingAmountInStock() {
```

```
        // here goes some code which checks amount of product in DB
```

```
        return 100; // just a stub for the sake of example;
```

```
    }
```

```
    public int getId() {
```

```
        return id;
```

```
    }
```

```
    public void setId(int id) {
```

```
        this.id = id;
```

```
    }
```

```
    public String getName() {
```

```
        return name;
```

```
    }
```

```
    public void setName(String name) {
```

```
        this.name = name;
```

```
    }
```

```
    public int getMinOrderQuantity() {
```

```
        return minOrderQuantity;
```

```
    }
```

```
public void setMinOrderQuantity(int minOrderQuantity) {  
    this.minOrderQuantity = minOrderQuantity;  
}  
public boolean isDeliveryAvailable() {  
    return isDeliveryAvailable;  
}  
public void setDeliveryAvailable(boolean isDeliveryAvailable) {  
    this.isDeliveryAvailable = isDeliveryAvailable;  
}  
  
}
```