

Activity 5.2

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StudentCard.java

```
public class StudentCard extends Object{
    int id;
    String name;

    void printInfo(){
        System.out.println(this.id);
        System.out.println(this.name);
    }
}
```

IStudentCard.java

```
public class IStudentCard extends StudentCard {
    String nationality;
    //Method Overriding
    void printInfo(){
        System.out.println(this.id);
        System.out.println(this.name);
        System.out.println(this.nationality);
    }
}
```

TestStudent.java

```
public class TestStudent extends Object{
    public static void main(String[] args) {
        IStudentCard a = new IStudentCard();
        a.id = 2345;
        a.name = "John Smith";
        a.nationality = "UK";
        //Should output all information including nationality
        //since the method were overridden by the subclass
        a.printInfo();
    }
}
```

Output

```
2345
John Smith
UK
```

```
ava.exe -XX:+ShowCodeDetailsInExceptionMessages -cp C:\Us  
2345  
John Smith  
UK  
PS C:\Users\themi\Downloads\java-prak-asd\fifth-meet\activity>
```