

### Question 3 (10 marks)

There are two kinds of comments in Java: `//` and `/* */` and this is the same in weeJava. When parsing a weeJava program, comments should be skipped.

- Create a new class called **Q3**; copy the code from **Q1** to **Q3**.
- In **Q3**, add a method called **scan**, which takes a parameter **fname** of type **String**. The **scan** method reads the content from a weeJava file named **fname** into a **String**, removes the commented part and prints out the result in the console window.
- Replace the main method using the following code.

```
public static void main(String[] args) {  
    System.out.println("## Q3Example1:");  
    scan("src/Q3Example1.txt");  
  
    System.out.println("\n## Q3Example2:");  
    scan("src/Q3Example2.txt");  
}
```

Q3Example1.txt and Q3Example2.txt are two weeJava files that have comments. The output in the console window is as follows.

```
## Q3Example1:  
public class Q3Example1 {  
    public static void main(String[] args) {  
        HobbitsSay("Hello Hobbits!");  
    }  
}  
## Q3Example2:  
public class Q3Example2 {  
    public static void main(String[] args) {  
        HobbitsSay("Hello Hobbits!");  
    }  
}
```