Credit Name: CSE 2140 2nd Language Programming
Assignment Name: Car_Recall

What error message did you encounter (if any)?
- Cannot be resolved to a variable
- Syntax error

What unexpected behavior did your program exhibit?
When running the code whether the car is defective or not. It repeats the same text.

```
Welcome to CarRecall, please enter your car model number: 67
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
Your car is not defective, thanks for stoping by!
```

What caused the issue? (e.g., syntax error, logic error, incorrect function usage, etc.)
Using a wrong code that loops from 1 up to the number typed

Include a screenshot of specific lines of code.

```java
public class CarRecall {

    public static void main(String[] args)
    {
        Scanner input = new Scanner(System.in);

        System.out.print("Welcome to CarRecall, please enter your car model number: ");
        int car_model = input.nextInt();

        int[] defectiveModel = {119, 179, 189, 195, 221, 780};

        for (int i = 1; i <= car_model; i++)
        {
            boolean isDefective = false;

            for (int defective : defectiveModel)
            {
                if (i == defective)
                {
                    isDefective = true;
                    break;
                }
            }

            if (isDefective)
            {
                System.out.println("Your car is defective, please bring your car to a shop");
            } else {
                System.out.println("Your car is not defective, thanks for stoping by!");
            }
        }

    }
}
```

How did you fix the issue?
By replacing the code that only checks the one model that entered
Provide the corrected code or solution using a screenshot.

```java
public class CarRecall {

    public static void main(String[] args)
    {
        Scanner input = new Scanner(System.in);

        System.out.print("Welcome to CarRecall, please enter your car model number: ");
        int car_model = input.nextInt();

        int[] defectiveModel = {119, 179, 189, 195, 221, 780};

        boolean isDefective = false;

            for (int defective : defectiveModel) {
                if (car_model == defective) {
                    isDefective = true;
                    break;
                }
            }

        if (isDefective)
        {
            System.out.println("Your car is defective, please bring your car to a shop");
        } else {
            System.out.println("Your car is not defective, thanks for stoping by!");
        }
    }
}
```