

```
public class printEm {
    public static void main (String args[]) {
        int i = 0;
        String myMessages[] = {
            "Hello!",
            "My name is Mary",
            "Goodbye"
        };

        while(i < 4) {
            System.out.println(myMessages[i]);
            i++;
        } // end of main
    }
}
```

Output

Hello

My name is Mary

Goodbye

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 3

at printEm.main(printEm.java:12)

Ex: Handle this exception with a try-catch block.

```
while(i < 4) {  
    try {  
        System.out.println(myMessages[i]);  
    } catch(ArrayIndexOutOfBoundsException e) {  
        System.out.println("Resetting index value");  
        i = -1;  
    }  
    i++;  
}
```

Output (endless loop):

Hello

My name is Mary

Goodbye

Resetting index value

Hello

My name is Mary

Goodbye

Resetting index value

...