

Double Structuring (Java)

```
1  import java.util.Scanner;
2  public class libraryLoan {
3      public static void main(String[] args){
4          Scanner sc = new Scanner(System.in);
5          System.out.println(x:"Due to unfortunate circumstances, only those with an active library card can loan books.");
6          System.out.println(x:"Does this user have an active card? (Anything other than 0 means it's active.)");
7          int active = sc.nextInt();
8          if(active != 0){
9              System.out.println(x:"This user can loan a book from this library. Treat it with care!");
10         }
11         else{
12             System.out.println(x:"Sorry, this user can't loan.");
13         }
14     }
15 }
```

```
PS C:\Users\user\Documents\COMP2315-LM> & 'C:\Users\user\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.10.7-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\user\AppData\Roaming\Code\User\workspaceStorage\61e089c705d49fbca39e08c0080356c1\redhat.java\jdt_ws\COMP2315-LM_55a1653e\bin' 'libraryLoan'
```

```
Due to unfortunate circumstances, only those with an active library card can loan books.
Does this user have an active card? (Anything other than 0 means it's active.)
3
```

```
This user can loan a book from this library. Treat it with care!
```

```
PS C:\Users\user\Documents\COMP2315-LM> & 'C:\Users\user\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.10.7-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\user\AppData\Roaming\Code\User\workspaceStorage\61e089c705d49fbca39e08c0080356c1\redhat.java\jdt_ws\COMP2315-LM_55a1653e\bin' 'libraryLoan'
```

```
Due to unfortunate circumstances, only those with an active library card can loan books.
Does this user have an active card? (Anything other than 0 means it's active.)
0
```

```
Sorry, this user can't loan.
```

```
PS C:\Users\user\Documents\COMP2315-LM>
```