Online   **Date: 22 September, 2021**   **Group: C2**   **Time: 55 minutes**

	Marks
Suppose you want to buy movie tickets online. In order to do so you have to provide your age and credit/debit card number. If the age or card number is not valid then the program throws exceptions. Create a project named Movie.	

Create another package named **movieexception** .
 Inside this package create two custom exception classes.
    1) NotApplicableForChildrenException (checked exception)
    2) CardNotWorkingException (unchecked exception)
 	
 Both classes should override the constructor that takes a String parameter.
	4

Inside the project generated package: Create a class named Eligibility, in which their will be one void method 1) checkAge() which takes two parameters age as integer and ratings as String The method checks age and ratings as follows: ● If age < 18 and ratings is "R" then gives NotApplicableForChildrenException having the statement "Not applicable for people under 18" ● If age < 15 and ratings is "M" then gives NotApplicableForChildrenException having the statement "Not applicable for kids under 15" ● If age < 18 and ratings is "G" or "PG" then prints applicable for kids	4
Create a class named BookTicket which extends Eligibility. This class has a method: 1) A void method named addCard which takes cardNo as a String parameter. Here if card length is less than 16 or cardNo String has any space between numbers then it gives CardNotWorkingException having statement "Invalid Card". Otherwise prints "Card is valid".	6
In the main method create object of BookTicket and call the 3 methods checkAgel(), addCard(). **You must handle all three exceptions in the main method.**	6

You can use the String method called endsWith(), beginWith() or contains() to check the Strings

For example:

```java
String str = "java lab online";

if (str.startsWith("jav")) {
    System.out.println("ja");
}

if (str.endsWith("online")) {
    System.out.println("online");
}

if (str.contains("lab")) {
    System.out.println("lab");
}
```

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