Online Course Registration (Handling Multiple Exceptions)

Ask the user for age and course selection number.

If age < 10, throw InvalidAgeException.

If the user enters an invalid course number, handle ArrayIndexOutOfBoundsException.

InvalidAgeException.java:

```java
package Online_Course;

public class InvalidAgeException extends Exception{

    private static final long serialVersionUID = 1L;

        public InvalidAgeException(String message) {
            super(message);
        }
}
```

OnlineCourseException:

```java
package Online_Course;
import java.util.*;
public class OnlineCourseException {

    public static void main(String[] args) {
        String[] courses = {"Full Stack Java Programming", "Full Stack Python Program", "Data Science", "Digital Marketing"};
        Scanner s = new Scanner(System.in);

        try {
            System.out.print("Enter your age: ");
            int age = s.nextInt();

            if (age < 10)
            {
                throw new InvalidAgeException("Age should be above 10.");
            }

            System.out.print("Enter course number: ");
            int CourseNumber = s.nextInt();

            if (CourseNumber > courses.length)
            {
                throw new ArrayIndexOutOfBoundsException("Invalid course number.");
            }

            System.out.println("Course: " + courses[CourseNumber - 1]);

        }
        catch (InvalidAgeException | ArrayIndexOutOfBoundsException e)
        {
            System.out.println(e);;
        }
    }

}
```

Console ✕

<terminated> OnlineCourseException [Java Application] C:\Users\royal\Deskto

```
Enter your age: 8
Online Course.InvalidAgeException: Age should be above 10.
```

Console ✕

<terminated> OnlineCourseException [Java Applic

```
Enter your age: 18
Enter course number: 1
Course: Full Stack Java Programming
```

Console ✕

<terminated> OnlineCourseException [Java Application] C:\Users\royal\Desktop\sts-4.2

```
Enter your age: 19
Enter course number: 8
java.lang.ArrayIndexOutOfBoundsException: Invalid course number.
```