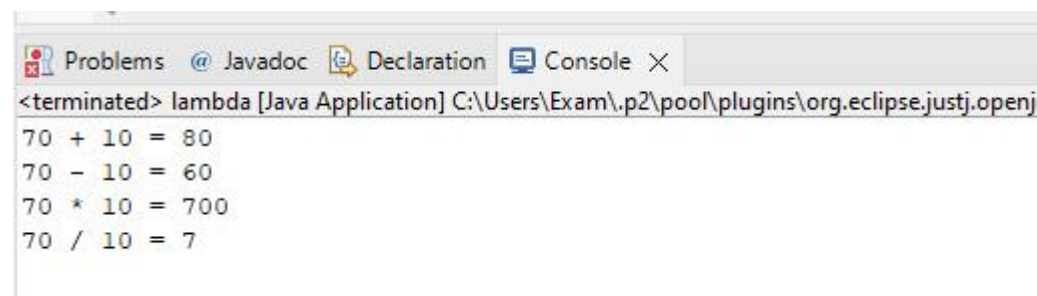


**Q1 A.) Write a java program using Lambda Expression To make Calculator**CODE

```
public class lambda {  
    interface MathOperation {  
        int operation(int number1, int number2);  
    }  
  
    public int operate(int a, int b, MathOperation mathOperation) {  
        return mathOperation.operation(a, b);  
    }  
  
    private void add() {  
        MathOperation additionOp = (number1, number2) -> number1 + number2;  
        System.out.println("50 + 10 = " + operate(50, 10, additionOp));  
    }  
  
    private void sub() {  
        MathOperation subtractionOp = (number1, number2) -> number1 - number2;  
        System.out.println("50 - 10 = " + operate(50, 10, subtractionOp));  
    }  
  
    private void mul() {  
        MathOperation multiplicationOp = (number1, number2) -> number1 * number2;  
        System.out.println("50 * 10 = " + operate(50, 10, multiplicationOp));  
    }  
  
    private void div() {  
        MathOperation divisionOp = (number1, number2) -> number1 / number2;  
        System.out.println("50 / 10 = " + operate(50, 10, divisionOp));  
    }  
}
```

OUTPUT**B) Create a login form using JSP which contains a User Id Password Field and two buttons....**CODE

HTML FILE

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Change Study Center</title>
</head>
<body>
<form action="NewFile.jsp" method="get">
Kindly fillout the below form to login </br>
User id = <input type = "text" name = "user id"> </br>
password= <input type = "password" name = "password"> </br>
<input type="submit" value="Submit">
<input type="Reset" value="Reset">
</form>
</body>
</html>
```

JSP FILE

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Form</title>
</head>
<body>
<%
String userid = request.getParameter("userid");
String password = request.getParameter("password");
%>
Dear <%=userid%>, your User id is <%=userid%> and password is
<%=password%>
</body>
</html>
```

OUTPUT

The image shows two screenshots of a web browser. The top screenshot displays a login form at the URL `localhost:8080/loginform.jsp/NewFile.html`. The form contains the text "Kindly fillout the below form to login", followed by "User id =" and a text input field containing "1111". Below this is "password=" and a password input field with masked characters "...". At the bottom of the form are two buttons: "Submit" and "Reset". The bottom screenshot shows the browser after a submission, with the URL `localhost:8080/loginform.jsp/NewFile.jsp?user+id=1111&password=234`. The page content displays the message: "Dear null, your User id is null and password is 234".

localhost:8080/loginform.jsp/NewFile.html

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Kindly fillout the below form to login

User id =

password=

localhost:8080/loginform.jsp/NewFile.jsp?user+id=1111&password=234

For quick access, place your bookmarks here on the bookmarks bar. [Import bookmarks now...](#)

Dear null, your User id is null and password is 234