



SRI RAMACHANDRA

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Category - I Deemed to be University) Porur, Chennai

SRI RAMACHANDRA ENGINEERING AND TECHNOLOGY

CSE 280 ADVANCE JAVA

STUDENT WORK BOOK

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Unique ID : E0119052

Year : II

Quarter : Q6

Department : B.Tech CSE (AI &ML)

Faculty Name : Prof. Askoh Kumar

Academic Year : 2020-2021

Date:16/11/2020

Q.NO 1: Question

Find the smallest of three numbers

Program:

```
DAY-1 > Assignment > Q1 - SmallestNumber.jsp > html > body > ?
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <%
10         int num1, num2, num3, result, tem;
11         num1 = 56;
12         num2 = 45;
13         num3 = 78;
14         tem = num1 < num2 ? num1:num2;
15         result = num3 < tem ? num3:tem;
16         out.println("Smallest Number is: "+result);
17     %>
18 </body>
19 </html>
```

Output:

```
← → ↻ 🏠 ⓘ localhost:3001/Programs/DAY-1/Assignment/Q1-SmallestNumber.jsp
```

Smallest Number is: 45

Date:16/11/2020

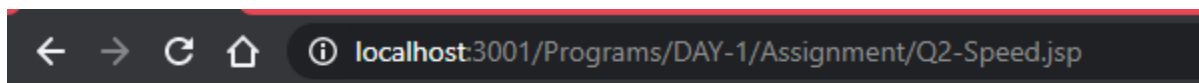
Q.NO 2: Question

Calculate the speed when time and distance are given

Program:

```
DAY-1 > Assignment > Q2-Speed.jsp > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <%
10         float time = 4;
11         int distance = 28;
12         float speed = (float)distance / time;
13         out.println("Speed for the given distance and time: " +speed);
14     %>
15 </body>
16 </html>
17
```

Output:



Date:16/11/2020

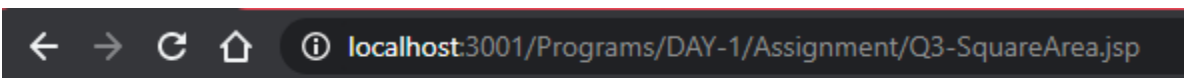
Q.NO 3: Question

Find the area of square

Program:

```
DAY-1 > Assignment > Q3-SquareArea.jsp > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <%
10         double side = 8.5;
11         //Area of Square = side*side
12         double area = side*side;
13         out.println("Area of Square is: "+area);
14     %>
15 </body>
16 </html>
17
18
```

Output:



Area of Square is: 72.25

Date:16/11/2020

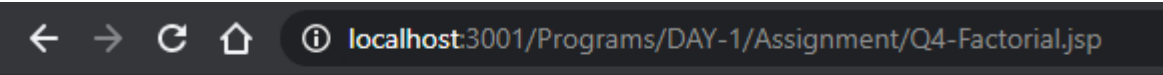
Q.NO 4: Question

Find the factorial of a number

Program:

```
DAY-1 > Assignment > Q4-Factorial.jsp > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <%
10         int number = 8;
11         long fact = 1;
12         for(int i = 1; i <= number; i++)
13         {
14             fact = fact * i;
15         }
16         out.println("Factorial of "+number+" is: "+fact);
17     %>
18 </body>
19 </html>
20
```

Output:



← → ↻ 🏠 ⓘ localhost:3001/Programs/DAY-1/Assignment/Q4-Factorial.jsp

Factorial of 8 is: 40320

Date:16/11/2020

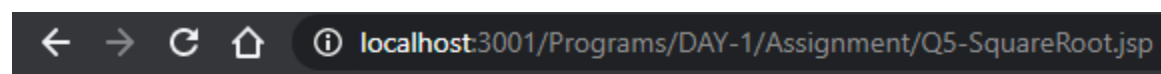
Q.NO 5: Question

Find the square root of a number

Program:

```
DAY-1 > Assignment > Q5-SquareRoot.jsp > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7  </head>
8  <body>
9      <%
10         double a = 100;
11         out.println("Square root of a given number : "+Math.sqrt(a));
12     %>
13 </body>
14 </html>
15
```

Output:



Square root of a given number : 10.0