

# Day 1 Home work:

## Program :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <p>
        Students should upload a single PDF file containing the source code for the following.
    <br>
    write the jsp code for the following <br><br>
    1. Find the smallest of three numbers <br>
    <%
    int num1, num2, num3, result, temp;
    num1 = 5;
    num2 = 4;
    num3 = 3;
    out.println("num1:" + num1); %><br>
    <% out.println("num2: " + num2); %><br>
    <% out.println("num3: " + num3); %><br>
    <% temp = num1 < num2 ? num1:num2;
    result = num3 < temp ? num3:temp;
    out.println("Smallest Number is: "+result);
    %> <br><br>
    2. Calculate the speed when time and distance are given <br>
    <%
    float speed , time , dist;
    dist=20;
    time=30;
    speed=dist/time;
    out.println("speed is "+speed );
    %> <br> <br>
    3. Find the area of square <br>
    <%
    int side=20;
    out.println("Square's area is : " + side*side);
    %> <br> <br>
    4. Find the factorial of a number <br>
    <%
        int number = 8;
        long fact = 1;
        for(int i = 1; i <= number; i++)
```

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        {
            fact = fact * i;
        }
        out.println("Factorial of "+number+" is: "+fact);
    %> <br> <br>
5. Find the square root of a number <br>
<%
int a = 100;
out.println("Square root of a is: " + Math.sqrt(a));
%>
    </p>
</body>
</html>

```

## Output:

Students should upload a single PDF file containing the source code for the following.  
write the jsp code for the following

1. Find the smallest of three numbers

num1:5

num2: 4

num3: 3

Smallest Number is: 3

2. Calculate the speed when time and distance are given

speed is 0.6666667

3. Find the area of square

Square's area is : 400

4. Find the factorial of a number

Factorial of 8 is: 40320

5. Find the square root of a number

Square root of a is: 10.0