INDIAN SCHOOL AL WADI AL KABIR

Class: VIII	Department: Computer Science	Year: 2024-2025
Worksheet with solutions	Subject:Computer Science Topic: DYNAMIC WEBPAGES IN HTML5 PRACTICAL WORKSHEET 1	Solve these questions in the laboratory

Practical Activity Questions

1) Write a Javascript program to calculate the area of a square

```
<html>
<head>
<title>Area of square</title></head>
<body>
<script type="text/javascript">
var s=parseInt(prompt("enter the side of square"));
var area;
area=s*s;
document.write("Area of square=");
document.write(area);
</script>
</body></html>
```

2)Write a Javascript program to convert Kilometers to Centimetrs

```
<html>
<head>
<title>javascript</title></head>
<body>
<script type="text/javascript">
var km=parseInt(prompt("enter the value in Kilometer"));
var cm;
```

```
cm=100000*km;
document.write("kilometre to centimetre=");
document.write(cm);
</script>
</body>
</html>
```

3)Write a JavaScript program to swap the value of two variables without using a third variable. Take the value of both variables from the user.

```
<html>
<head>
<title>Javascript</title></head>
<body>
<script type="text/javascript">
var x=parseInt(prompt("Enter first number"));
var y=parseInt(prompt("Enter second number"));
x = x+y ;
y = x -y ;
x = x -y ;
document.write("x =");
document.write(x);
document.write("<br>");
document.write("y =");
document.write(y);
</script>
</body>
</html>
```

4)Find the output of the following program

```
<!DOCTYPE html>
<html>
<body>
<h1>My First Web Page</h1>
<p>My first paragraph.</p>
<button type="button" onclick="document.write(5 + 6)">Try
```

it</button></body></html>

4)Write a JavaScript program to perform following arithmetic operations:
addition, subtraction, multiplication and division.

```html
<html>
<head>
<title>Arithmetic operators in Javascript</title></head>
<body>
<script type="text/javascript">
var a=parseInt(prompt("enter first number"));
var b=parseInt(prompt("enter second number"));
var sum;
var difference;
var product;
var quotient;
sum=a+b;
difference=a-b;
product=a*b;
Quotient=a/b;
document.write("Sum= ");
document.write(sum);
document.write("<br>");
document.write("Difference =");
document.write(difference);
document.write("<br>");
document.write("Product=");
document.write(product);
document.write("<br>");
document.write("Quotient=");
document.write(quotient);
</script>
</body>
</html>
```