

# Chapter 3: Impressive Web Designing

## EXERCISE [PAGES 57 - 59]

Exercise | 1.1 | Page 57

### QUESTION

The data entry operator wants to insert.

Photograph

- `<image>`
- `<text>`
- `<textarea>`
- `<img>`
- `<ul>`
- `<u>`

### SOLUTION

`<img>`

Exercise | 1.1 | Page 57

### QUESTION

The data entry operator wants to insert.

Write remarks about the photograph

- `<image>`
- `<text>`
- `<textarea>`
- `<img>`
- `<ul>`
- `<u>`

### SOLUTION

<textarea>

Exercise | 1.1 | Page 57

### QUESTION

The data entry operator wants to insert.

Underline the heading

- <image>
- <text>
- <textarea>
- <img>
- <ul>
- <u>

### SOLUTION

<u>

Exercise | 1.2 | Page 57

### QUESTION

Identify the logical operators in the JavaScript.

OR

- logical operator
- not logical operator

### SOLUTION

Not logical operator

Exercise | 1.2 | Page 57

### QUESTION

Identify the logical operators in the JavaScript.

++

- logical operator
- not logical operator

## **SOLUTION**

Not logical operator

Exercise | 1.2 | Page 57

## **QUESTION**

Identify the logical operators in the JavaScript.

||

- logical operator
- not logical operator

## **SOLUTION**

logical operator

Exercise | 1.2 | Page 57

## **QUESTION**

Identify the logical operators in the JavaScript.

&&

- logical operator
- not logical operator

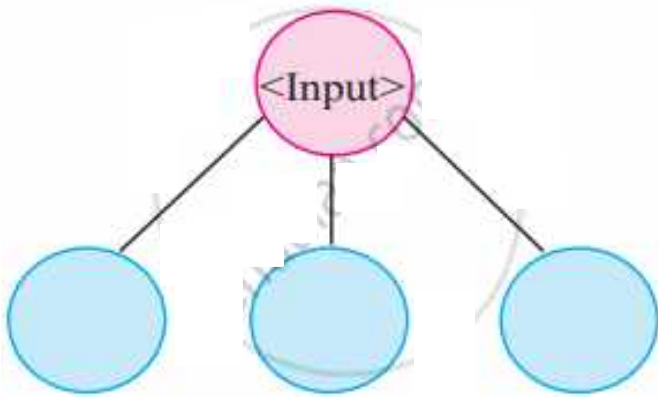
## **SOLUTION**

logical operator

Exercise | 2.1 | Page 57

## **QUESTION**

State atleast three attributes of <input>

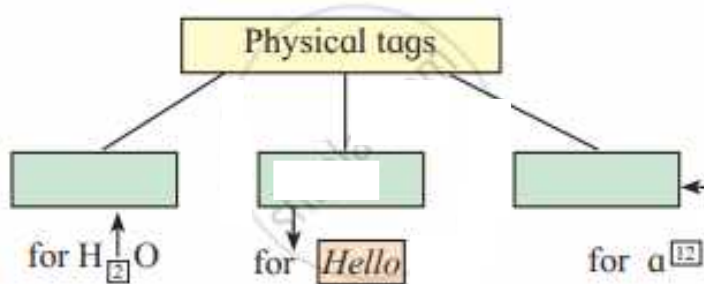


## SOLUTION

1. Type
2. Name
3. Maxlength
4. Size
5. Checked
6. Value

Exercise | 2.2 | Page 57

## QUESTION



## SOLUTION

H<sub>2</sub>O - <sub>

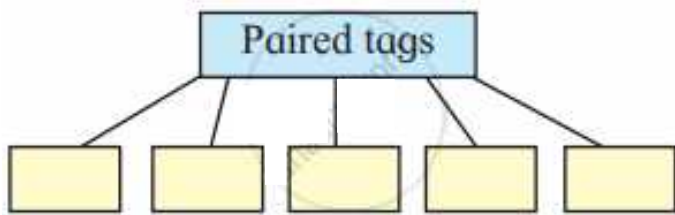
Hello - <i>

a<sup>12</sup> - <sup>

Exercise | 2.3 | Page 57

## QUESTION

Group the following.



## SOLUTION

<b>

<i>

<u>

<small>

<sub>

<sup>

<ins>

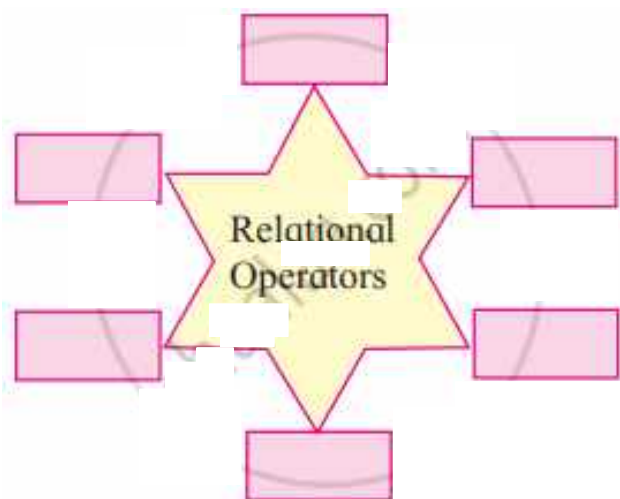
<del>

<mark>

Exercise | 2.4 | Page 57

## QUESTION

Write operator names with symbol in boxes.



## SOLUTION

Not !

Less than <

Greater than >  
Equals to ==  
Greater than or equal to >=  
Less than or equal to <=

Exercise | 2.5 | Page 57

## QUESTION

Complete following program to display multiplication of 6.40 and 300.

```
<!DOCTYPE html>
<html>
<head>
<title> Series </title>
</head>
<body>

_____

var x = _____;
var y = _____;
document.write(x _____ y);

_____

</body>
</html>
```

## SOLUTION

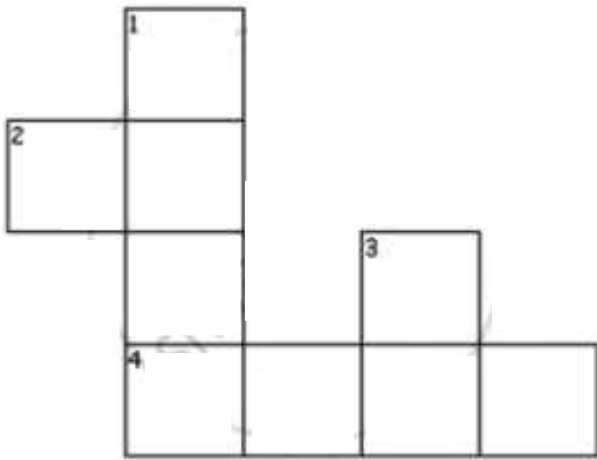
```
<!DOCTYPE html>
<html>
<head>
<title> Series </title>
</head>
<body>
<script type="text/javascript">
var x = 6.4;
var y = 300;
document.write(x * y);
</script>
</body>
</html>
```

Exercise | 4.1 | Page 58

## QUESTION

Solve the following puzzles.

Fill the blocks



### Across

2. The tag used to create table row.
4. Tag to create a form

### Down

1. The attribute used to specify the path of a linked document.
3. The tag used to display horizontal ruled line.

### SOLUTION

#### Across

2. tr
4. form

#### Down

1. href
3. hr

Exercise | 4.2 | Page 58

### QUESTION

Solve the puzzle by finding words with the help of hint given below.

p	z	c	b	e	p	e	s
r	l	o	m	v	d	l	l
s	k	n	s	a	r	s	t
y	e	f	a	l	s	e	d
w	q	i	s	n	a	n	g
v	a	r	o	s	d	y	z
i	l	m	e	n	c	x	i

1. Boolean value.

2. Keyword used in conditional if statement.
3. Built-In function in JavaScript
4. Function to check given value is number or not
5. Keyword used to declare variable
6. Function used to evaluate given expression

## SOLUTION

p	z	c	b	e	p	e	s
r	l	o	m	v	d	l	l
s	k	n	s	a	r	s	t
y	e	f	a	l	s	e	d
w	q	i	s	n	a	n	g
v	a	r	o	s	d	y	z
i	l	m	e	n	c	x	i

1. Boolean value. - **false**
2. Keyword used in conditional if statement. - **else**
3. Built-In function in JavaScript - **confirm**
4. Function to check given value is number or not - **isNaN**
5. Keyword used to declare variable - **var**
6. Function used to evaluate given expression - **eval**

Exercise | 5 | Page 58

## QUESTION

Trace the output of following html code

```
<!DOCTYPE html>
<html>
<head>
<title>Heading tags</title>
</head>
<body>
<h1 align=left>Information Technology</h1>
<hr>
<h2 align=center>XI Standard</h2>
<h3 align=right>Division</h3>
</body>
</html>
```

## SOLUTION



# Information Technology

---

## XI Standard

## Division

Exercise | 6 | Page 57

### QUESTION

Find out error if any in following javascript code.

```
var length, breadth;  
length=4.5;  
breadth=6;  
area=1/2*length*breadth;  
document.write("Area of triangle is"area);
```

### SOLUTION

The last line should be

```
document.write("Area of triangle is " + area);
```

Exercise | 6.1 | Page 59

### QUESTION

**Discuss the following and Answer the question.**

A Jr. web designer wants to design a webpage to enter the employee name, address. He needs a button to clear the form content and submit the data.

- Write the different controls he will use to create the web page.
- State the tags to be used for the controls.

### SOLUTION

```
<!DOCTYPE html>  
<html>  
<head>
```

```
<title>Form</title>
</head>
<body>
  <form>
    <input type="text" name="employee_name" /><br />
    <textarea name="address"></textarea><br />
    <input type="submit" /><br />
    <input type="reset" />
  </form>
</body>
</html>
```

Exercise | 6.2 | Page 59

## QUESTION

**Discuss the following and Answer the question.**

A teacher has asked a student to create a web page to accept number and check whether it is between 50 to 100.

- List the variable, operators to be used.
- Specify the built-in function used and structure used.

## SOLUTION

```
var number;
if(number > 50 && number < 100)
```

Exercise | 8.1 | Page 59

## QUESTION

**Complete the following.**

Event > When it occurs?

onClick > \_\_\_\_\_

## SOLUTION

When a user clicks an element

Exercise | 8.2 | Page 59

## QUESTION

**Complete the following.**

Event > When it occurs?

onKeyUp > \_\_\_\_\_

## SOLUTION

When a user releases key

Exercise | 8.3 | Page 59

## QUESTION

**Complete the following.**

Event > When it occurs?

onMouseup > \_\_\_\_\_

## SOLUTION

When a user releases a mouse button over an element

Exercise | 9 | Page 59

## QUESTION

Write HTML Code for the following table.

Place	State	Maximum Temperature in C
Wardha	Maharashtra	47.5
Akola		46.4
Khajuraho	Madhya Pradesh	46.4
Sagar		46.2

## SOLUTION

```
<table border="1" cellpadding="10">
<thead bgcolor="pink" align="center">
<tr>
<th>Place</th>
<th>State</th>
<th>Maximum<br>Temperature<br>in C</th>
</tr>
</thead>
<tbody bgcolor="skyblue" align="center">
<tr>
<td>Wardha</td>
```

```
<td rowspan="2">Maharashtra</td>
<td>47.5</td>
</tr>
<tr>
<td>Akola</td>
<td>46.4</td>
</tr>
<tr>
<td>Khajuraho</td>
<td rowspan="2">Madhya<br>Pradesh</td>
<td>47.5</td>
</tr>
<tr>
<td>Sagar</td>
<td>46.2</td>
</tr>
</tbody>
</table>
```