

Client Side Scripting





CO2

- Implement Arrays and functions in Java script

LO4

LO5

- Develop JavaScript to convert the given Unicode to character form
- Develop JavaScript to convert the given character to Unicode and vice-versa



TEACHING AND EXAMINATION SCHEME

| Teaching Scheme | | | Credit (L+T+P) | Examination Scheme | | | | | | | | | | | | |
|-----------------|---|---|-------------------|--------------------|-----|-----|-----|-----|-------|-----------|-----|-----|-----|-----|-------|-----|
| L | T | P | | Theory | | | | | | Practical | | | | | | |
| | | | | Paper Hrs. | ESE | | PA | | Total | | ESE | | PA | | Total | |
| | | | | | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| 3 | - | 2 | 5 | 3 | 70 | 28 | 30* | 00 | 100 | 40 | 25# | 10 | 25 | 10 | 50 | 20 |



CONTENTS

1. Finding a Unicode of a character-charCodeAt()
2. From CharCode()

FINDING A UNICODE OF A CHARACTER



- There are two methods for finding a Unicode of a character
 - charCodeAt()**
 - fromCharCode()**
- charCodeAt()** : This function returns the Unicode value of the character at specified position

Syntax :

```
String.charCodeAt(x);
```

Program : To implement charCodeAt() method

```
<html>
<head>
<title>String Demo</title>
</head>
<script language="Javascript" type="text/javascript">
Var str1="welcome to Javascript";
document. Write(("br>Unicode =" +str1.charCodeAt(4));
</script>
</head>
```



CHARCODEAT() METHOD-- EXAMPLE

Program : Write a Javascript code to implement charCodeAt() method

```
<html>
<head>
<title>String Demo</title>
</head>
<script language="Javascript" type="text/javascript">
Var str1="welcome to Javascript";
document. Write(("br>Unicode =" +str1.charCodeAt(4));
</script>
</head>
<body>
</body>
</html>
```

FROMCHARCODE() METHOD



fromCharCode() : This method converts a given Unicode number to a character

Syntax :

```
String.fromCharCode(n1,n2,...,nX);
```

Program: Write a Javascript code to implement fromCharCode() method.

```
<html>
<head>
<title>string demo</title>
</head>
<script language="Javascript" type="text/javascript">
document. Write("<br>Unicode=" + String.fromCharCode(115));
document. Write("<br>Unicode=" + String.fromCharCode(70,71,72,115));
</script>
</head>
<body>
</body>
</html>
```



QUIZ TIME

Q1. How do you initialize an array in C?

- a) `int arr[3] = (1,2,3);`
- b) `int arr(3) = {1,2,3};`
- c) `int arr[3] = {1,2,3};`
- d) `int arr(3) = (1,2,3);`

► **Ans. C. int
arr[3] =
{1,2,3};**

Q2 . Types of Integers are

- (a) short
- (b) int
- (c) long
- (d) All the above

► **Ans. d. All the above**

QUIZ TIME



Q3. Choose a correct statement about C language arrays

- a) An array address is the address of first element of array itself.
- b) An array size must be declared if not initialized immediately.
- c) Array size is the sum of sizes of all elements of the array.
- d) All of the above

► **Ans. d. All of the above**

• Q4. An array Index starts with.?

- a) -1
- b) 0
- c) 1
- d) 2

► **Ans. b. -1**



Thank You