**replace**

'test hello'.replace('test','hi')

"hi hello"

'Hi shahadat'.replace('hi','sonchoy')

"Hi shahadat"

'hi shahadat'.replace('hi','sonchoy')

"sonchoy shahadat"

**Regular Expressions with replace**

"hi, shahadat".replace(/h/g, "F")

"Fi, sFaFadat"

**Modulus Operator**

50%4

2

**parseInt, parseFloat, and Number**

50%4

2

3

3

3.4

3.4

parseInt(3.4)

3

parseInt(3.666644)

3

parseFloat(2)

2

parseFloat("2.555")

2.555

a = "5.33"

"5.33"

typeof(a)

"string"

b = 3

3

typeof(b)

"number"

c = 3.45

3.45

a+c

"5.333.45"

sum = parseFloat(a) + c

8.780000000000001

**Addition Versus Concatenation**

a = '2.5'

"2.5"

parseInt

function parseInt()

parseInt(a)

2

a = '2'

"2"

parseInt(a)

2

Number(a)

2

**NaN and Infinity**

parseInt("sfsdf ")

NaN

Number('hello')

NaN

**Array**

Array(3) [ "Hello, World!", 3.14, true ]

​

0: "Hello, World!"

​

1: 3.14

​

2: true

​

length: 3

​

<prototype>: Array []

names = ['shakib','masud','ariyan','hasan']

Array(4) [ "shakib", "masud", "ariyan", "hasan" ]

​

0: "shakib"

​

1: "masud"

​

2: "ariyan"

​

3: "hasan"

​

length: 4

​

<prototype>: Array []

**Declaring and Accessing an Array**

['Hello, World!', 3.14, true ]

Array(3) [ "Hello, World!", 3.14, true ]

​

0: "Hello, World!"

​

1: 3.14

​

2: true

​

length: 3

​

<prototype>: Array []

names = ['shakib','masud','ariyan','hasan']

Array(4) [ "shakib", "masud", "ariyan", "hasan" ]

​

0: "shakib"

​

1: "masud"

​

2: "ariyan"

​

3: "hasan"

​

length: 4

​

<prototype>: Array []

namse[1]

Uncaught ReferenceError: namse is not defined

    <anonymous> debugger eval code:1

debugger eval code:1:1

names[1]

"masud"

names[2]

"ariyan"