JAVA SCRIPT

EP-3

->HOISTING IN JAVASCRIPT

**1.CODE:**

var x=7;

function getname(){

console.log(“NAMASTE JS”);

}

getname();

console.log(x);

**CONSOLE:**

NAMASTE JS

7

**2. CODE:**

getname();

console.log(x);

var x = 7;

function getname(){

console.log("Namaste JavaScript");

}

**CONSOLE:**

Namaste JavaScript

Undefined

**3. CODE:**

getname();

console.log(x);

function getname(){

console.log("Namaste JavaScript");

}

**CONSOLE:**

Namaste JavaScript

Error: x is not defined

**4. CODE:**

function getname(){

console.log("Namaste JavaScript");

}

console.log(getname);

**CONSOLE:**

f getname(){ console.log("Namaste JavaScript); }

**5. CODE:**

getname();

console.log(x);

console.log(getname)

function getname(){

console.log("Namaste JavaScript");

}

**CONSOLE:**

Namaste JavaScript

undefined

f getname(){ console.log("Namaste JavaScript); }

**6. CODE:**

console.log(getname)

var getname = function () {

console.log("Namaste JavaScript");

}

var getname = () => { // arrow function

console.log("Namaste JavaScript");}

**CONSOLE:**

Undefined

HOISTING:

* Hoisting is a phenomenon in Java Script by which we can access the variables and functions even before we have initialized it
* Even before the code starts running memory gets allocated of all variables and functions.