Functions

Creation and hoisting:

Ex1: var a = ‘Hellow Wolrd’;

function b(){----------------------------------------->step2 console.log(‘callde b’);----------------------------->step3

}

b();---------------------------------------------------->step1

console.log(a);------------------------------------->step4

Output: called b

Hellow World

Note: First it will call b() prints called b and it will exute console.log(a);

var a is declared grobally.

Ex2: b();

console.log(a);

var a = “Hello World”;

function b(){

console.log(‘called b!’);

}

Output: called b!

undefined

Note: 1. Executes b

2. to console js does not know about b to print so it will set initially a as undefined because somewhere in js a is declared.

Ex3: b();

console.log(a);

function b(){

comsole.log(‘called b!’);

}

Output: called b!

Uncaugth ReferenceError: a is not defined

//because a is not created

Ex4: function b(){

Console.log(‘called b!’)

}

b();

console.log(a);

var a = “Hellow World”;

Output: called b!

undefined

Ex5: function b(){

console.log(‘called b!’);

}

var a;

b();

a = ‘Hellow World’;

Output: called b!

undefined

Ex6: var a = ‘Hellow World’;

function b(){

console.log(‘called b!’);

}

b();

console.log(a);

Output: called b!

Hellow World;