

What will be the output of this code?

```
console.log(x);
```

```
var x = 5;
```

o/p: undefined

explanation: concept of hosting a variable it is a behavior in JavaScript where variable are moved to the top of their containing scope. While assign a number it does,nt take because of hosting.

2. What will be the output of this code?

```
console.log(a);
```

```
var a;
```

o/p: undefined

explanation: concept of hosting a variable it is a behavior in JavaScript where variable are moved to the top of their containing scope.

3. What will be the output of this code?

```
console.log(b);
```

```
b=10;
```

```
var b;
```

o/p: undefined

explanation: concept of hosting a variable it is a behavior in JavaScript where variable are moved to the top of their containing scope.

4. What will happen here?

```
console.log(c);
```

o/p: Reference error x is not defined.

Explanation: here try to accessing variable c but in the code we not declare any variable so without declaration of variable we can't access .

5. What will be the output of this code?

```
console.log(e);
```

```
var e = 10;
```

```
console.log(e);
```

```
e= 20;
```

```
console.log(e);
```

o/p:

undefined

10

20

7. What will be the output of this code?

```
console.log(f);
```

```
var f = 100;
```

```
var f;
```

```
console.log(f);
```

o/p: undefined

100

8. What will be the output of this code?

```
console.log(g);
```

```
var g=g +1;
```

```
console.log(g);
```

o/p: undefined

NaN (trying to add two different data types that is number and string we can't add by using + operator)

9. What will be the output of this code?

```
var h;  
console.log(h);  
h=58;  
console.log(h);
```

o/p:

undefined (concept of hosting a variable it is a behavior in JavaScript where variable are moved to the top of their containing scope.)

58 (assign a variable and print a value)

10. What will be the output of this code?

```
console.log(t);  
t = 16;  
var t = 5;  
console.log(t);
```

o/p:

undefined

5 (In java script excecution done one -by-one so we assign a value same variable it takes recent assigned value this occurs in this program.)