

Hoisting

Access the variables and function before variable declaration and the function definition . During the execution context two phases . One is memory allocation and another is code execution . In memory allocation memory is assigned but with undefined with variable and function definition so that why they run . But in second example getName is variable and they also assigned with undefined so getting undefined for both the variables.

In case of the let and const they throw error because of the variable is not initialized with any thing so that why they give error

Example 1:

```
console.log(temp);// undefined
```

```
getName(); // Hi
```

```
var temp=10;
```

```
function getName()
```

```
{
```

```
  console.log("Hi");
```

```
}
```

Example 2:

```
console.log(temp);// undefined
```

```
getName(); // undefined , because there is not memory allocation to the variable getName  
which is undefined
```

```
var temp=10;
```

```
var getName={()=>{
```

```
  console.log("Hi");
```

```
}
```