**NAMELESS FUNCTIONS:**

* Since the function is defined without any name they may leak in local or nor even a local variable except the function declared inside the function of body.
* We do not keep reference to the function, not even to its return value. After the function has been initialized, it is being immediately invoked.
* Using self-invoking functions we will perform the initialization work only once because after the execution we will loose the reference to the function.

**SYNTAX:**

(Function( arguments){

//code

})()

**Things done in self executing function:**

1.creating function Instance

2. executes the function

3. discard the function

**EXAMPLE:( SWAPPING OF TWO NUMBERS):**

(function(x,y){

var temp;

temp=x;

x=y;

y=temp;

console.log(x);

console.log(y);

})(3,4);

**OUTPUT:**

4

3