**Asynchronous** : Mean the code will execute even if the previous line of code is not finished executed.

**Synchronous** :Mean the block of code will wait till the previous code finishes implemations .

**ex** :

var result = database.query("SELECT \* FROM hugetable");

console.log(“I Am waiting”)

console.log("Hello World");

Output=>

I Am waiting

Hello World

=> here the log have to wait to the previous code to done before implement the ‘Hello World’

ex :

database.query("SELECT \* FROM hugetable", function(rows) {

var result = rows;

console.log(“I Am waiting”)

});

console.log("Hello World");

Output=>

Hello World

I Am waiting

=> here the log will be implemented even if the previsu code is not finished .

**The first example will block, while the second won't.**