

JAVASCRIPT, EXPRESS AND NODE.JS

General javascript, node and express together. Framework for backend.

FRONTEND, BACKEND, DATA BASE, MODERN WEBS



Frontend (HTML CSS JS)

Backend (Javascript, PHP, Django)

Database (SQL, MongoDB)

Protocolos, HTTP, req y res, GET, POST

BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
const PI = 3.14;  
var global = "None";  
let local = true;  
  
try{  
    PI = 4;  
}catch(error){  
    console.log("You cannot do that.");  
}
```

BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
function add(x,y){  
    return x+y;  
}  
  
const addNumbers = (x,y) => x+y  
const show = (name) =>{  
    console.Log(`Hi ${name}!!`);  
    console.Log("Hope you re good!")  
}  
console.Log(addNumbers(5,4));  
show("Benjamin");
```


BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
const test2 = () => {  
  setTimeout(2000);  
  console.Log("Now!");  
}
```

```
test2();
```

```
const test1 = async() => {  
  await setTimeout(2000);  
  console.Log("Now!");  
}
```

```
test1();
```

BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
//JSON
```

```
const person = {  
  "name": "Benjamin",  
  "age": 21,  
  "alive": true,  
  "favorite_games": ["LeagueofLegends", "Genshin", "Honkai"]  
}
```

```
console.log(person.favorite_games)
```

BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
const numbers = [1,2,3,4,5,6,7,8];  
  
numbers.map(item => console.Log(item));  
numbers.forEach(item => console.Log(item*2));  
console.Log(numbers.filter(item => item%2==0));
```


BASIC, GENERAL AND NECESSARY JAVASCRIPT

```
const array = [  
  {  
    "name": "Andrew",  
    "age": 25  
  },  
  {  
    "name": "Sophie",  
    "age": 23  
  }  
];  
  
const newArray = array.filter(item => item.age > 24);  
console.log(newArray)
```


EXPRESS AND NODE.JS (EXAMPLE)

```
const express = require("express");

const app = express();

app.get("/", (req, res) => {
  res.send("<h1>It works!</h1>")
})

app.listen(3000);

console.log("App listen in port 3000");
```