```javascript
// == , === console.log("1"==1); //checks the value console.log("1"===1); //checks the type and the values // Date Function let day = new Date().getDay(); // integer output console.log(day); let literal_day = new Date().toString(); literal_day = literal_day.split(" ")[0] // as a string console.log(literal_day); //0 is Sunday 3 is Wed and 6 is Sat // Switch Case Statement switch(day){ case 0: console.log("Go To Church"); break; case 1: console.log("Write code... It's Monday"); break; case 2: console.log("Test Code because its Tuesday"); break; case 3: console.log("Testing more code...its Hump Day!!"); break; case 4: console.log("Write a feature forour app on Thursdays") break; case 5: console.log("Test our new Feature on Feature Friday!") break; case 6: console.log("Sleep all day") break; default: console.log("That is not a real day.."); } switch(literal_day){ case 'Sun': console.log("Go To Church"); break; case 'Mon': console.log("Write code... It's Monday"); break; case 'Tue': console.log("Test Code because its Tuesday"); break; case "Wed": console.log("Testing more code...its Hump Day!!"); break; case 'Thu': console.log("Write a feature forour app on Thursdays") break; case 'Fri': console.log("Test our new Feature on Feature Friday!") break; case 'Sat': console.log("Sleep all day") break; default: console.log("That is not a real day.."); } // Creaing Objects in JS // Simple Object let person = { name:'John', age: 28, fav_color: 'Red' } // dot notation console.log(person.name) //bracket notation console.log(person['name']) // more complex object let person2 = { name: "Max", age:31, prog_languages:['JavaScript','Python','C++', 'Java'], fav_color: "Blue", teams:[ { baseball: 'Chicago White Sox', football: 'Chicago Bears', hockey: 'Chicago Blackhawks', basketball:['Chicago Bulls','Chicago Sky'], soccer:['Chicago Fire', 'Naperville Yellowjacks'] }, { baseball:'Toronto Bluejays', football: 'LA Rams', basketball: 'Milwalkee Bucks', soccer: ['Manchester United','Liverpool'] } ] } console.log(person2.prog_languages[1]); console.log(person2.teams[1].soccer[1]) console.log(Object.keys(person2)) console.log(Object.values(person2)) // loop through object for(let i = 0; i< Object.keys(person2).length; i++){ console.log(Object.keys(person2)[i]) console.log( person2[Object.keys(person2)[i]] ) } console.log() console.log() console.log() console.log("+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++") console.log() console.log() console.log() console.log() // for in loop rememeber this is not like the python for in (that is the JS for of) for (let key in person2){ console.log(key) console.log(person2[key]) } console.log("+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++") // List Values from the person2 object that are arrays for (let key in person2){ if (Array.isArray(person2[key])){ console.log(person2[key]) } }
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