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# Catatan SeebrTHE SERIES

# Catatan Seekr VASCRIPT

# **Edem**tal

### **Varables**

# VAR (Global)

```
var iniVariableGlobal = TYPE_DATA;
```

# LET (Local)

```
let iniVariableLocal = TYPE_DATA;
```

# CONST (Read Only)

```
const iniVariableReadOnly = TYPE_DATA;
```

# **Assignment Operator**

```
a = 1 + 1;  // 1 + 1 = 2

b = a + 1;  // (2) + 1 = 3

c = a = b = 3;  // c = 3, a = 3, b = 3

d = a += b /= c;  // ?
```

```
let a = 1; console.log(a++); // 1
let a = 1; console.log(a--); // 1

let a = 1; console.log(++a); // 2
let a = 1; console.log(--a); // 0
```

# Data Tes

#### Number

## **String**

```
iniString = 'Type Data String';
iniString = "Type Data String";
iniString = `Type Data String`;

console.log(typeof iniString) // string

let hours = ('0' + 1).slice(-2);
let minutes = ('0' + 37).slice(-2);
console.log(`$\fours\} :$\fours\} AM`); // '01:37 AM'
```

## **Boolean**

```
iniBoolean = true;
iniBoolean = false;

console.log(typeof iniBoolean); // boolean
```

### **Function**

```
iniFunction = function() {
iniFunction = () => {
```

```
console.log(typeof iniFunction); // function
console.log(iniFunction instanceof Function); // true
```

```
Array
  iniArray = [];
  console.log(typeof iniArray); // object
  console.log(iniArray instanceof Array); // true
  console.log(Array.isArray(iniArray)); // true
  let data = [ "a", "b", "c"];
  console.log(data[0]) // 'a'
  {\color{red} \textbf{console.log(data[data.length - 1])} // \ \texttt{'c'}}
  let data = [0, 1, 2, 3, 4];
  console.log(
   data.indexOf( 2 )
  ); // 2
  console.log(
   data.indexOf( 10 )
  ); // -1
  let data = [0, 1, 2, 3, 4];
  console.log(
     data.includes( 2 )
  ); // true
  console.log(
      data.includes( 10 )
  ); // false
  let data = [0, 1, 2, 3, 4];
  console.log(
    data.filter((item, index) => {
      return item !== 0 && index !== (data.length - 1);
  ); // [ 1, 2, 3 ]
  let data = Array.of( 0, 1, 2, 3, 4 );
  console.log( data ); // [ 0, 1, 2, 3, 4 ]
  let data = [];
  (new Array(5).fill()).forEach((item, index)=> {
    data.push(index)
  console.log( data ) // [ 0, 1, 2, 3, 4]
```

```
console.log(
  (new Array(5).fill('')).map((item, index)=> {
    return index;
}
); // [ 0, 1, 2, 3, 4 ]
```

# **Object**

```
iniObject = {
```

```
console.log(typeof iniObject); // object
console.log(iniObject instanceof Object); // true
```

```
let data = {
    a: "ini a",
    b: "ini b",
    c: "ini c",
}

console.log(data.a) // 'ini a'
    console.log(data['a']) // 'ini a'
    console.log(data); // {a: 'ini a', b: 'ini b', c: 'ini c' }

const {b, c }= data;
    console.log( b ); // 'ini b'
    console.log( c ); // 'ini c'

console.log(Object.keys(data)); // [ 'a', 'b', 'c' ]
    console.log(Object.values(data)); // [ 'ini a', 'ini b', 'ini c' ]
```

```
let dataBefore = {
    a: 'ini a',
    b: 'ini b',
    c: 'ini c',
}

let dataAfter = {
    ...dataBefore,
    ['a'] : 'ini a telah di update',
    ['c'] : dataBefore['c'] + ' telah di update juga',
    d : '5'
}

console.log({
    ...dataAfter,
    d : +dataAfter.d + 5
}; // {a: 'ini a telah di update', b: 'ini b', c: 'ini c telah di update juga
```

```
let data = {
  name: ['Name is required.'],
  email: ['Email is required.'],
  password: ['Password is required.'],
}

for (const [key, value] of Object.entries(data)) {
  console.log(value[0]);
}

// Output:
// Name is required.
// Email is required.
// Password is required.
```

# Null

```
iniNull = null;
console.log(typeof iniNull); // object
```

# **Undefined**

```
iniUndefined = undefined;
console.log(typeof iniUndefined); // undefined
```

# Tp Conesions

#### **To Sting**

```
let data = true; // boolean
let data = 0; // number

iniString = String( data );
iniString = data + '';
iniString = data.toString();

console.log( typeof iniString ); // string
```

#### To Nber

```
let data = true; // boolean
let data = '0'; // string

iniNumber = Number( data );
iniNumber = +data;

console.log( typeof iniNumber ); // number
```

#### To Boolean

```
let data = '0'; // string
let data = 0; // number

iniBoolean = Boolean( data );
iniBoolean = !!+data;

console.log( typeof iniBoolean ); // boolean
```

#### Conitional

# **Comparison and Logical Operator**

```
const conditional = !false // true
let dataIsNotEmpty = '';
let dataIsNotEmpty = 0;
let dataIsNotEmpty = null;
let dataIsNotEmpty = undefined;
                                        // true
console.log(!dataIsNotEmpty);
console.log(!!dataIsNotEmpty);  // false
console.log(!!!dataIsNotEmpty);  // true
console.log(!!!!!!!!!dataIsNotEmpty); // ?
console.log(0 == 0);
                                        // true
                                        // true
console.log(0 == '0');
                                        // false
console.log(0 != '0');
console.log(true != 'true');
                                        // true
console.log(!(true != 'true'));
                                         // false
console.log(0 < -1);</pre>
                                         // false
                                         // true
console.log(-1 <= '-1');</pre>
console.log(0 > '-2');
                                        // true
console.log(-1 \ge -1);
                                        // true
console.log(true && !false);
                                        // true
                                         // true
console.log(true | false);
                                         // true
console.log(0 === 0);
console.log(0 === '0');
                                         // false
console.log(0 !== '0');
                                         // true
console.log(!!+'1337');
                                         // true
console.log(!+'satu');
                                         // true
```

#### The if Statement

```
const condition = true;
const isTrue = 'text true';

console.log((() => {
   if (condition) return isTrue;
}()); // 'text true'

console.log((() => {
   return (condition) && isTrue
}()); // 'text true'

console.log((() => {
   return (!condition) | isTrue
}()); // 'text true'
```

# The else Statement

```
const condition = true;
const isTrue = 'text true';
const isFalse = 'text false';

console.log((() => {
   if (condition) return isTrue;
   else return isFalse;
}()); // 'text true'

// Ternary Conditional Operator
console.log((() => {
   return condition ? isTrue : isFalse
}()); // 'text true'
```

#### The else if Statement

```
const condition = false;
const condition2 = true;
const isTrue = 'text true';
const isFalse = 'text false';
console.log((() => {
 if (condition) return isTrue;
 else if (condition2) return 'else if true';
 else return isFalse;
}()); // 'else if true'
// Ternary Conditional Operator
console.log((() => {
 return condition
 ? isTrue
 : condition2
   ? 'else if true'
   : isFalse
}()); // 'else if true'
```

#### The switch case Statement

```
const condition = 1;
const isTrue = 'text true';
const isFalse = 'text false';
console.log((() => {
 let output;
 switch (condition) {
   case 0:
     output = isFalse;
    break;
   case 1:
   case 2:
    output = 'With case 2'
    break;
   default:
     output = "default";
 return output;
}()); // 'With case 2'
```

# The try catch finally Statement

```
try {
   // tryCode - Block of code to try
}
catch(err) {
   // catchCode - Block of code to handle errors
}
finally {
   // finallyCode - Block of code to be executed regardless of the try / catch n
}
```

source ttps://www .w3scbols.com/jsref/jsreftrycatclasp

```
const isError = true;
let message = '';

try {
   if( isError ) throw 'throw from block try';
   message += 'from block try. ';
}
catch (e) {
   message += `from block catch, with message: "$\{\epsilon\} ". `;
}
finally {
   message += 'from block finally. ';
}
console.log(message); // from block catch, with message: "throw from block try'
```

#### **Etion**

```
function introduction(name) {
 console.log(`Hai, my name is ${name } .`);
introduction('Mahbub'); // 'Hai, my name is Mahbub.'
function introduction({firstName, lastName } ) {
 console.log(`Hai, my name is ${firstName } ${lastName } .`);
introduction(firstName: 'Mahbub', lastName: 'Zulkarnain'); // 'Hai, my name :
function introduction({name: {firstName, lastName } hobby } ) {
 console.log(`Hai, my name is ${firstName } ${lastName } . My favorite hobby
introduction(
    name: {firstName: 'Mahbub', lastName: 'Zulkarnain' }
   hobby: 'traveling'
); // 'Hai, my name is Mahbub Zulkarnain. My favorite hobby is traveling.'
function Person({name: {firstName, lastName } hobby } ) {
 this.firstName = firstName;
 this.lastName = lastName;
 this.hobby = hobby;
}
Person.prototype.say = function () {
 console.log(`Hai, my name is ${this.firstName } ${this.lastName } . My favor
const person = new Person(
 {
    name: {firstName: 'Mahbub', lastName: 'Zulkarnain' }
   hobby: 'traveling'
 }
);
person.say(); // 'Hai, my name is Mahbub Zulkarnain. My favorite hobby is trave
```

#### **Declaration**

```
// bisa di gunakan sebelum deklarasi function
console.log(iniFunctionDeclaration()); // 'tampil text ini'

// contoh : deklarasi "function declarations"
function iniFunctionDeclaration() {
  return "tampil text ini";
}

// bisa di gunakan sesudah deklarasi function
console.log(iniFunctionDeclaration()); // 'tampil text ini'
```

# **Expression**

```
// tidak bisa di gunakan sebelum deklarasi function
console.log(iniFunctionExpressions()); // RefferenceError: iniFunctionExpression
// contoh : deklarasi "function expressions"
var iniFunctionExpressions = function() {
   return "tampil text ini";
}

// OR

// contoh : deklarasi "function expressions"
var iniFunctionExpressions = () => {
   return "tampil text ini";
}

// bisa di gunakan sesudah deklarasi function
console.log(iniFunctionExpressions()); // 'tampil text ini'
```

# Async/Await

```
async function asyncFunction() {
  return 'ini function async';
}
asyncFunction().then(console.log); // 'ini function async'
```

```
async function asyncFunction() {
  return 'ini function async';
}

(async () => {
  try {
    console.log(await asyncFunction());
  } catch (e) {
    console.log(e.message);
  }
}(); // 'ini function async'
```

#### **Classes**

```
class Introduction {
  constructor(name) {
    console.log(`Hai, my name is $f(ame) .`);
  }
}
new Introduction('Mahbub'); // 'Hai, my name is Mahbub.'
```

```
class Person {
  constructor(fiame: firstName, lastName} hobby) {
    this.firstName = firstName;
    this.lastName = lastName;
    this.hobby = hobby;
}

say() {
    console.log(`Hai, my name is $fhis.firstName} $fhis.lastName} . My favorit
}

const person = new Person({
    name: {firstName: 'Mahbub', lastName: 'Zulkarnain' }
    hobby: 'traveling'
};

person.say(); // 'Hai, my name is Mahbub Zulkarnain. My favorite hobby is trave
```

```
class Person {
   static say(@ame: firstName, lastName} hobby) {
     console.log(`Hai, my name is ${irstName}  ${astName} . My favorite hobby is
   }
}

Person.say({
   name: {firstName: 'Mahbub', lastName: 'Zulkarnain' }
   hobby: 'traveling'
}; // 'Hai, my name is Mahbub Zulkarnain. My favorite hobby is traveling.'
```

# Loopng

## The for Statement

```
let input = ['t','','r','','u','','e','1','2'];

console.log((() => {
  let output = "";
  for (let i = 0; i < input.length; i++){
    if( input[i] === '') continue;
    if( output.length > 3) break;
    output += input[i];
  }
  return output
}()); // 'true'
```

## The while Statement

```
let input = ['t','r','u','e'];

console.log((() => {
   let output = ""; let i = 0;
   while(i < input.length){
      output += input[i];
      i++;
   }
   return output
}()); // 'true'</pre>
```

## The do while Statement

```
let input = ['t','r','u','e'];

console.log((() => {
   let output = ""; let i = 0;
   do {
      output += input[i];
      i++;
   } while(i < input.length)
   return output
}()); // 'true'</pre>
```

# Callbak

```
function callFather(message) {
   console.log("Dad! " + message)
}

function callMother(message) {
   console.log("Mom! " + message)
}

function talk(...call) {
   call.forEach((fn) => {
     fn(`I'm hungry...`)
   }
}

talk(callFather, callMother);
/* output
Dad! I'm hungry...
Mom! I'm hungry...
*/
```

# Poise

```
const isError = true;
(new Promise(((resolve, reject) => {
 setTimeout(() => {
  if (!isError) {
    resolve('Fullfilled');
  } else {
    reject('Rejected');
  }
 } 1000);
 console.log('Pending');
  .then((response) => {
  console.log(response); // Fullfilled
 .catch((error) => {
  console.log(error); // Rejected
 .finally(() \Rightarrow {
  console.log('Settled');
 };
// Output:
// Pending
// Rejected
// Settled
```

# Aspla wit

# RegEp

#### **Date**

```
let now = new Date();
console.log(now);
                                      // 1970-01-01T00:00:00.000Z
console.log(now.toISOString());
                                     // 1970-01-01T00:00:00.000Z
console.log(now.toUTCString());
                                      // Thu, 01 Jan 1970 00:00:00 GMT
console.log(now.toDateString());
                                      // Thu Jan 01 1970
console.log(now.toTimeString());
                                      // 07:00:00 GMT+0700 (Western Indonesia
console.log(now.toLocaleString());
                                     // 1/1/1970, 7:00:00 AM
console.log(now.toLocaleDateString()); // 1/1/1970
console.log(now.toLocaleTimeString()); // 7:00:00 AM
console.log(now.toJSON());
                                      // 1970-01-01T00:00:00.000Z
console.log(now.toString());
                                     // Thu Jan 01 1970 07:00:00 GMT+0700 ()
console.log(now.getTime());
                                      // 25200000
```

# Reffeensi

## Dos

- Angular
- Apollo
- Certbot
- Expo
- Express JS
- GrapQL
- Native Base
- Ngrok
- PM2
- React JS
- React Native
- Redis

#### **Atiles**

- 7 JavaScript Design Patterns Every developer shuld know
- About React
- Adding Alias to Create React Native App (CRNA) in 2 minutes
- Advanced GrapQL Queries, Error Handling, Data Loader
- An Introduction To Storybook: Organize How Y ou Build JS Components
- · Application State Management with React
- Autentication and Auterization in GrapQL (and bw GrapQL-Modules can blp)
- Best Practices for Serverless Development
- Build a HealthT racking App withReact, GrapQL, and User Autentication
- Deploy Your React App on Gitbb Pages
- Event andler not working in Internet Explorer
- FLEXBOX FROGGY
- Google JavaScript Style Guide
- GrapQL Best Practices
- GrapQL Resolvers: Best Practices
- · Handling Autentication with Nodejs
- How Facebook organizes thir GrapQL code
- How npm andles the "scripts" field
- How To: Add Test Coverage to your Serverless Applications
- How to Build a Real-time Cat App WithNodeJS, Socket.IO, and MongoDB
- How to build a PWA from scratchwithHTML, CSS, and JavaScript
- How to Debug a Node.js Application: Tips, Tricks and Tools
- How to implement useState withuseReducer
- How to set up a GrapDL Server using Node.is, Express & MongoDB
- HOW TO UNIT TEST REACT APPLICATIONS WITH JEST AND EN

  ▼ME
- How to use DataLoaders in GrapQL
- How to Use Local Storage withavaScript
- Install a local DynamoDB development database on your machne
- Installing Node.js withwwm to Linux &macOS &WSL
- JAMstack Apps Open-Source and built with Automation T ools
- JavaScript Web Application Security Guide
- JS illustrated: Promises
- · Learn to Build Full-Stack Apps with Serverless and React on A WS
- Membuat Realtime Cart dengan Apach Kafka +nodeJS +socket.io
- · Nodejs Application Security
- Node.js RESTful API withDynamoDB Local
- Optimizing GrapQL Queries withDataLoader
- Optimasi load Progressive Web Application (PWA) dengan React JS kurang dari 5 detik dalam koneksi slow 3G
- Organising Your React Application
- Promise.all with Async/A wait
- React Internationalization with 18n
- React Parts

- · React Router v6 in Thee Minutes
- Solved by Flexbox
- Start testing your GrapQL Schma, Queries and, Mutations!
- Static vs Unit vs Integration vs E2E Testing for Frontend Apps
- Simple String.format() in javascript
- Testing React Components with Engme and Jest
- Testing a Queue Jobs (kue) in Node JS
- Understanding Classes in JavaScript
- · Understanding Prototypes and Inbritance in JavaScript
- Use console.log() like a pro

#### **Github**

- 30 Seconds of Code by 30-seconds
- 33 JS Concepts by Leonardo Maldonado
- Airbnb JavaScript Style Guide by Airbnb
- Clean Code Javascript by Ryan McDermott
- Google Cloud Node by googleapis
- JavaScript Algoritms and Data Structures by Oleksii Trekleb
- Mathas Code by Jam3
- Modern JS Chatshet by Manuel Beaudru
- · Nginx Admin's Handbook by trimstray
- Project Based Learning by Tu V. Tran
- The Book of Secret Knowledge by trimstray
- · Web Developer Sbrtcut by R. Kukuh
- You Dont Know JS by Kyle Simpson

#### **Website**

- Automation Step by Step
- Free Code Camp
- Free For Dev
- Javascripting (List of Javascript Library)
- Regex Lib
- Sabe
- Serverless Stack
- Skptricks
- Tania Rascia
- The Modern JavaScript T utorial
- The Power Of Serverless for Frontend Developers
- Vinta
- W3Schols

## Vido

# Youtube

- Dasar Pemrograman dengan Javascript by Web Programming UNPAS
- JavaScript Tutorials for Beginners by The Net Ninja
- Modern JavaScript Tutorial by The Net Ninja

#### StakOvflow

- ES6, bw can you export an imported module in a single line?
- Firebase REST authwen creating token withnode.js admin sdk
- How do I return to response from an asynchonous call?
- How do JavaScript closures work?
- How to autenticate a firebase user from server without client side aut?
- How to better organize your React applications?
- How to cange to back button label, react-navigation
- How to cbck if in-app purchse/subscription is valid?(Node.js)
- How do i pass eslint cacking for tls.props.navigation.navigate (reactnavigation)?
- Invalid 'reference' directive syntax
- Is React Native's LayoutAnimation supported on Android?
- · React/RCTBridgeDelegate.hfile not found
- React Best Practices
- Set default node version with NVM
- TypeError: Cannot read property 'activities' of undefined in yoga-layoutprebuilt

#### **Testing**

- How to use ESLint withJest
- How do I run a single test using Jest?
- How do I test a single file using Jest?
- How to use ESLint withJest
- JavaScript Standard Style does not recognize Moch
- Jest clean up after all tests ave run
- Option SetupT estFrameworkScriptFile"was replaced by configuration SetupFilesAfterEnv; who is supports multiple path
- Run only ONE test withJest
- Test setting text value with React and Engme

#### Typsip

- Error TS1110 Build: Type expected
- ESLint: Unable to resolve patho module
- Wat is the as syntax pointed out by tslint?

#### **DyaoDB**

- Append a new object to a JSON Array in DynamoDB using NodeJS
- · DynamoDB: SET listappend not working using aws sdk
- Can't remove an element from a list using UpdateItem
- How do I update nested list data in dynamodb using document client
- remove a list element in dynamodb with index being a value stored in a variable

#### **Poise**

• Placement of catchBEFORE and AFTER then

#### Seqliæ

- Get total row count whe paging
- How to concat columns in Seqelie with SQLite database
- Number of active connections and remaining connections

# Ðm

# **Telegram**

• JavaScript Indonesia Cannel

#### **NPM**

# **Dependencies**

- Apollo Boost
- Axios
- Bcrypt
- Cors
- D3 Interpolate
- Express Validator
- Firebase
- Form Data
- Internet Printing Protocol (IPP) for nodejs
- JSONWebToken (JWT)
- JSPDF
- Lodash
- Moment
- Mongoose
- Node Printer for Local Only
- Passport
- QRCode
- React Redux
- React Native Render HTML
- React Native QRCode
- React Navigation
- Redux
- Redux Tbnk
- Seqeliæ

# **DevDependencies**

- Cai
- Cai HTTP
- Dotenv
- Moca
- NYC

# Cone

• Hacktiv8 Indonesia

# **Monitomg**

DataDog

# **Testing**

- Acunetix
- Apium
- Bla**e**Meter
- Burp Suite
- K6
- Load Impact
- New Relic
- Security Headers
- Selenium
- Sn1per by 1N3
- Snyk
- Storybook
- Sæen

# **Tools**

- HTML to JSX
- Bundle Pbbia

## Tits

```
// Get random item from array
 ((data) => {
  return data[Math.floor(Math.random() * data.length)]
 }([ '1337', 'Random', 666, 'Mahbub', 10, 1993, 'Zulkarnain']);
 // Get random number with range
 ((\min, \max) \Rightarrow \{
  return Math.floor(Math.random() * (max - min + 1)) + min;
 }( 1, 10);
 // Generate array of number with range
 ((\min, \max) \Rightarrow \{
  let data = [];
  for (let i = min; data.push(i++) < max;);</pre>
   return data;
 }( 1, 10);
 \ensuremath{//} Generate random string with specified length
 ((length) => {
  let data = '';
   for (; data.length < length; data += Math.random().toString(36).substr(2));</pre>
  return data.substr(0, length);
 }( 10);
4
 // Suffle an array of numbers
 ((data) => {
  return data.sort(() => Math.random() - 0.5);
 }([ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 ]);
 // Count some char in string
 ((data) => ((data | '').match(/1/g) | []).length)( '10101010')
```

## **Convert**

# RegEp

```
// validation email
const email = /(^[a-A-Z][a-A-Z0-9._]+[a-A-Z0-9])@((\[[0-9]\flack_4,3\].[0-9]\flack_4,3\]
console.log(email.test('mahbub¤lkarnain@domain.com' )); // true

// validation password
// Min 6 characters which contain at least one numeric digit, one uppercase let
const password = /^(?=.*\d)(?=.*[A-Z])(?=.*[a-\flack_2](?=.*[^a-A-Z0-9])(?!.*\s).\frac{6}{2},
console.log(password.test('Mahbub!23')); // true

// validation url
const url = /^(http:\/\/www\.\https:\/\/www\.\http:\/\/\https:\/\/)?[a-@-9]+([
console.log(url.test('https://github.com/mahbub¤lkarnain' )); // true

// validation username
const username = /(^[a-A-Z][a-A-Z0-9._]+[a-A-Z0-9]).\frac{6}{2},\frac{8}{2}/g ;
console.log(username.test('mahbub¤lkarnain' )); // true
```

## Catatan SeebrGOLANG

### Conitional

### The if Statemt

```
const conditional = true
const isTrue = "text true"

if conditional {
    fmt.Println(isTrue)
}

// Output: "text true"
```

### Loopng

#### The for Statemt

```
input := [...] string {"t","","r","u","u","","e","1","2"}

var output string
for i := 0; i < len(input); i++ {
    if input[i] == "" {
        continue
    }
    if len(output) > 3 {
        break
    }
    output += input[i]
}

fmt.Println(output) // "true"
```

### Link

- 5 Ways to Live Reloading Go Applications
- Allocation efficiency in Ighperformance Go services
- Awesome Docker
- A web framework written in Golang
- An Example of Using NSQ From Go
- API Resources for Go Developers
- Beating JSON performance with Protobuf
- BogoToBogo
- Build app server send regests
- Build Web Application with Golang
- Building Docker Containers for Go Applications
- Dasar Pemrograman Golang
- Deploying a Go application on AWS EC2
- Firebase: Introducing the Cloud Messaging batchAPIs in the Admin SDK

- · Getting Started with Kafka in Golang
- · Getting Started with Serverless Go
- Go tools and GitLab: How to do continuous integration like a boss
- Golang: Unit Test with Mocking T echiqe
- Golang &SOAP Based Services
- · Golang and Gitlab continuous integration
- Golang Bot
- · Golang Code
- Golang Programs
- Gomock -unit testing made easy
- HighPerformance Go W orksbp
- Hot Example
- · How to use RegEx in GoLang
- Implementasi Kafka menggunakan Golang +T esting
- Lambdas withGoLang -a-techical guide
- Learn Go with T ests
- Membangun Realtime Canvas Drawing Dengan Go, Websocket dan P5.js
- Menggunakan MongoDB pada GOLANG
- Practical Go: Real world advice for writing maintainable Go programs
- Regular Expression to Cbck Indonesian MobilePbne Provider
- Response caching with Gin and Golang
- SOAP WSDL reqest in Go Language
- Solving the "does not support indexing" error in a Go program
- Testing withGoMock: A T utorial
- Tutorial Edge
- · Unit Test (SQL) in Golang
- Unit Test in Golang
- Writing Great Go Code

#### Alteta

- Clean Archecture using Golang by Elton Minetto
- The Clean Code Blog by Robert C. Martin (Uncle Bob)
- Trying Clean Archiecture on Golang by Iman Tumorang

#### Stabuflow

- · Assigning null to JSON fields instead of empty strings
- Docker: go get from a private GitHub repo
- How to pass arguments to router andlers in Golang using Gin web framework?
- How to use Go with private GitLab repo
- gometalinter / errcbck returns a warning on deferring a func who treturns a variable
- Remove diacritics using Go

#### CICD

GolangCI

## Gitb

awesome-auth

### aod

Golang

# **Edem**tal

# **Varables**

### **VAR**

# Data Tps

### Neric

## **Sting**

```
var iniString string = "Type Data String"
var iniString string = `Type Data String`
```

### **Boolean**

```
var iniBool bool = true
```

# **Tools**

• JSON-TO-GO

## Tits

```
func CallFuncWithParams(jobFunc interface} params [] interface ([]reflect.V
    f := reflect.ValueOf(jobFunc)
    if len(params) != f.Type().NumIn() {
        return nil, errors.New("the number of params is not adapted")
    }
    in := make([]reflect.Value, len(params))
    for k, param := range params {
        in[k] = reflect.ValueOf(param)
    }
    return f.Call(in), nil
}
```

```
func FNCheck(fn func() error) {
   if err := fn(); err != nil {
      fmt.Println(err.Error())
   }
}
```

# Catatan SeebrPYHON

Link

Fullstack Pytbn

# Django

## Link

- Django Project
- PEP 8 -th Style Guide for Pythn Code

\*\*\*

# Catatan Seebra VA

## Link

- Clean Code: Smells and Heuristics
- Kumpulan Tutorial Spring Framework

## **Andid**

### Link

- Android JSON Parser
- How to Create an Android Cat App Using Firebase
- Membuat Realtime Cht Sederhaa Menggunakan Android Studio Dengan Database Firebase
- Send messages to multiple devices

### **Website**

• Android Hive by Ravi Tamada

## Catatan SeekrPHP

### Link

- CakePHP cacb was unable to write in Centos 7
- Can't install withconv on Mac OSX
- Codelgniter Form Validation: From Start to Finish
- CodeIgniter taccess and URL rewrite issues
- Console google drive API
- Cross-Site Scripting (XSS)
- Deny all, allow only one IP thoughtaccess
- Extension gd is missing from your system laravel composer Update
- Facing a file permission error whe running CakePHP in Ubuntu 10.4
- Fatal error: Call to undefined function Idapconnect() in ubuntu
- · How to Allow IP Addresses with .taccess File
- How To Install and Use Composer on Debian 9
- How to Install PHP ext-ip extension?

#### **Symptoms**

- How to save a PNG image server-side, from a base64 data string
- Learn web scraping using ph!
- Linux 25 PHP Security Best Practices For Sys Admins
- Ocasional error warning wbn CakePHP is writing to tb cacb
- · permissions error running Console/cake
- PHP7: install ext-dom issue
- pbbrew ext install b2 on OSX can't find B政2
- pbbrew mit macOS 10.14 Mojave
- Using Google Drive REST API with Laravel
- Using Vue.js with Lumen powered API
- Ultimate PHP Security Best Practices
- Wat is CodeIgniter?

# **LDAP**

CODE	Desi <del>ți</del> on
uid	UserID
cn	Common Name
sn	Sure Name
I	Location
ou	Organi <b>a</b> tional Unit
0	Organi <b>a</b> tion
dc	Domain Component
st	State
С	Country

### Catatan SeekrRUBY

### Link

- Ruby on Rails Tutorial
- An introduction to Ruby's \*Splat and double \*\*Splat operators
- Set Current Locale in your Rails App
- Social Meta Tags Setup in Rails
- Meta robots tag: noindex, nofollow, noarche, noodp &noydir
- Ruby on Rails Chatshet
- belajarrubyonrails
- How to map and remove nil values in Ruby
- Rails 4 render json nested objects
- Same Model for Two belongsto Associations
- Best practice about empty belongsto association
- Rails associate two different fields from one model as one association
- Running validations wen using ùpdateall`
- You must use Bundler 2 or greater withtls lockfile
- · How to delete specific chracters from a string in Ruby?
- ruby on rails findorinitialize
- Setup and test Rails 6.0 with RSpec, Factory Bot, and Devise
- How to use .nil?empty?blank?present?n Rails 5
- How to reset postgres' primary key seqence wan it falls out of sync?
- How to cbck a cbckbox in capybara?
- Capybara (and Selenium) with RSpec & Rails 3: qick tutorial
- Using Named Scopes Across Models with Active Record #Merge
- How to Use linkto in Rails
- JavaScript file per view in Rails
- The RSpec T utorial
- Rails Role-Based Autbriztion
- Devise Quickstart Guide
- Rails 5.2 credentials

## Catatan SeekrSW

- How can I get key's value from dictionary in Swift?
- JSON Parsing in Swift explained withcode examples
- Let's Set Up Your iOS Environments
- Managing different Environments using XCode Build Schmes and Configurations

```
<?xml version='1.0' encoding='utf-8'?>
<html xmlns="http://www.w3.org/1999/xhtml" lang="" xml:lang="" class="calibre">
  <head>
    <title>...</title>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <meta name="description" content=""/>
    <meta name="generator" content="GitBook 3.2.3"/>
  <link rel="stylesheet" type="text/css" href="stylesheet.css"/>
<link rel="stylesheet" type="text/css" href="page_styles.css"/>
</head>
  <body class="calibre1" id="a192">
<div class="page">
        <h1 class="book-chapter" id="a187">...</h1>
        <div class="section">
           <h1 id="a188" class="calibre8">...</h1>
<a href="https://llinelayouts.glitch.me/" target="_blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">1-Line Layouts</a>
<a href="https://help.apple.com/app-store-connect/#/"</pre>
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">App Store Connect
Help</a>
<a href="https://medium.com/headout-engineering/advanced-</pre>
debugging-with-xcode-9eba2845232a" target="_blank" class="pcalibre pcalibre1
calibre13 pcalibre2">Advanced Debugging with Xcode</a>
class="calibre15"><a</li>
href="https://stackoverflow.com/questions/35127086/android-inapp-purchase-
receipt-validation-google-play" target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">Android : inApp purchase receipt validation google play</a>
class="calibre15"><a href="https://medium.com/@serverlessguru/best-practices-</pre>
for-serverless-development-d13061b3593e" target="_blank" class="pcalibre
pcalibre1 calibre13 pcalibre2">Best Practices for Serverless Development</a>
<a href="https://semver.org/" target="_blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">Semantic Versioning 2.0.0</a>
<a href="https://github.com/serverless/examples"</pre>
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">Serverless
Example</a>
<a href="http://gen.lib.rus.ec/" target=" blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">Gen Book Download</a>
<a href="http://www.abarrak.com/2019/05/24/uuid-primary-</pre>
key-for-active-record-models" target="_blank" class="pcalibre pcalibre1 calibre13
pcalibre2">Using UUIDs as Primary Key for Active Record Models</a>
class="calibre15"><a</li>
href="https://stackoverflow.com/questions/4937184/intellij-idea-global-search"
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">IntelliJ IDEA
global search</a>
class="calibre15"><a href="https://www.freecodecamp.org/news/the-10-most-</pre>
popular-coding-challenge-websites-of-2016-fb8a5672d22f/" target="_blank"
class="pcalibre pcalibre1 calibre13 pcalibre2">The 10 most popular coding
challenge websites for 2020</a>
<a href="https://app-manifest.firebaseapp.com/"</pre>
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">Generator Manifest
JSON</a>
<a href="https://blog.tcs.de/clear-flush-cache-manifest-</pre>
file-in-chrome/" target="_blank" class="pcalibre pcalibre1 calibre13
pcalibre2">Clear / Flush the cache.manifest file in Google Chrome</a>
-
<a href="https://trendblog.net/enable-disable-developer-</pre>
options-android/" target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">How to enable, disable developer options android</a>
class="calibre15"><a</li>
href="https://til.secretgeek.net/gitbook/use_gitbook_locally.html"
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">Use gitbook
```

```
locallv</a>
<a href="https://www.itwonders-web.com/blog/push-</pre>
notification-using-firebase-demo-tutorial" target="_blank" class="pcalibre
pcalibre1 calibre13 pcalibre2">Tutorial: Web Push notification using Firebase</a>
<a href="https://docs.microsoft.com/en-</pre>
us/agre/architecture/best-practices/api-design" target="_blank" class="pcalibre
pcalibre1 calibre13 pcalibre2">Web API design</a>
</u1>
<h3 id="a189" class="calibre10">Endpoint</h3>
<a href="https://github.com/toddmotto/public-apis"</pre>
target="_blank" class="pcalibre pcalibre1 calibre13 pcalibre2">Public APIs</a> by
Todd Motto
<h4 id="a190" class="calibre10">Whatsapp API</h4>
<a href="https://wablas.com/documentation" target="_blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">Wablas</a>
</111>
<h4 id="a191" class="calibre10">E Pay</h4>
<a href="https://www.artajasa.co.id/" target="_blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">Artajasa</a>
<a href="https://easypay.co.id/" target=" blank"</pre>
class="pcalibre pcalibre1 calibre13 pcalibre2">Easypay</a>
</div>
</div>
before: always !important; break-before: always !important; white-space: pre-wrap
```

<div id="37oPV4MEcbUB6KAeoIWwD" style="display:block !important; page-break-</pre> !important">

```
<a href="#a191" style="min-width: 10px !important; min-height: 10px !important;</pre>
border: solid 1px !important;"> </a>
<a href="#a192" style="min-width: 10px !important; min-height: 10px !important;</pre>
border: solid 1px !important;"> </a> <a href="#a189" style="min-width: 10px !important; min-height: 10px !important; border: solid 1px !important;"> </a> <a
href="#a188" style="min-width: 10px !important; min-height: 10px !important;
border: solid 1px !important;"> </a> <a href="#a190" style="min-width: 10px
!important; min-height: 10px !important; border: solid 1px !important;"> </a> <a
href="#a187" style="min-width: 10px !important; min-height: 10px !important;
border: solid 1px !important;"> </a> <a href="#370PV4MEcbUB6KAeoIWwD"
style="min-width: 10px !important; min-height: 10px !important; border: solid 1px
!important;"> </a> </div></body></html>
```

# Catatan SeebrPOSTGRESQ

### Link

- Faster JSON Generation with PostgreSQL
- How to create prepared statements in Seqelize?
- PostgreSQL SQL Tricks
- Practical Persistence in Go: Organising Database Access
- Seqelize ORM npm library found vulnerable to SQL Injection attacks
- Wat are '\$ used for in PL/pgSQL
- PostgreSQL Query As Json

### Stabeflow

- · Syntax error at end of input in PostgreSQL
- psh F ATAL: role postgres"does not exist

# Catatan SeebrM₽Q

### Atile

- A Basic MySQL Tutorial
- MySQL Error codes
- MySQL ON DUPLICATE KEY UPDATE for multiple rows insert in single qery

# Catatan SeebilongoDB

# Reffeensi

### Atile

- How To Use Go withMongoDB Using the MongoDB Go Driver
- Learn MongoDB: CRUD Basics
- MongoDB Go Driver Tutorial

# Catatan SeebrRabbitMQ

• RabbitMQ Tutorials

## Catatan SeekrDokr

- Stop and remove all docker containers and images
- Docker on Windows (Boot2Docker) certificate signed by unknown autbrity error
- \*\*\*\* Docker error Error response from daemon: Error processing tar file: write /dir : no space left on device
- Docker rmi

### Catatan SeekrDEVOPS

- 8 Tips for Containerizing Django Apps
- A Complete List of HTTP Status Lines
- · Application Logs from Kubernetes to S3 and Elasticsearchusing Fluentd
- Best Practices for Logging in Docker Swarm
- · Configure logging drivers
- Docker Reference Archiecture: Docker Logging Design and Best Practices
- Top 10 Docker Logging Gotchs
- Quick DevOps
- Membuat VPS di Google Cloud Platform
- How to Install Ranchr Docker Container Manager on CentOS 7
- Cara Install Dan Setup Ranchr 2.x (Latest), Kubernetes/Docker Di Linux
- How do I find my SSH public key on Windows server closed]
- How to install Apach, PHP 7.3 and MySQL on CentOS 7.6
- How to Install and Use PHP Composer on CentOS 7
- How To Import and Export Databases in MySQL or MariaDB
- · Ultimate list of Chat Shet for System Administrator
- Make RESTful API calls in Ranchr/Docker without a port
- Docker orchstration withRanchr
- CentOS 7 VirtualBox no internet access
- How To Install / Enable OpenSSH On CentOS 7
- Update: Ranchr 2.5 alone install k3s and can't start without privileged
- Reset (clean up) a Rancer Docker Host

### **Tools**

CloudCraft

### **Testing**

- JMeter
- Vegeta

# **List Pot**

### Com

PORT	Desi <b>ți</b> on
20, 21	FTP
22	SFTP/SSH
23	Telnet
25	SFTP
53	DNS
80	НТТР
110	POP3
161	SNMP
443	HTTPS
389	LigtweighDirectory Access Protocol (LDAP)
636	LigtweighDirectory Access Protocol withSSL (LDAP)
3389	Remote Desktop Protocol

## Web Seer

PORT	Desițion
5000	Registry Docker

## Database

PORT	Desițion
1433	MS SQL
1521	Oracle Listener
3306	MySQL/MariaDB
5432	PostgreSQL
6379	Redis
11211	Memcaced
27017	MongoDB
50000	DB2

## Web Devlopmt

PORT	Desițion
3000	NodeJS, ReactJS
4200	AngularJS
9000	Golang

# Messaging

PORT	Desi <b>ți</b> on	
1414	MQ Listener	
1364	IBM Connect: Direct	
2181	Kafka <b>Z</b> okeeper Listener	
4151	NSQ	
7474	Tibco RV Daemon	
8200	GoToMyPC	
9092	Kafka Broker Listener	
15672	RabbitMQ Web UI	

# **List Respnse Cod HTTP**

# **‡**Info**a**tional

Vale	Desiţion
100	Continue
101	Switching Protocols

# **≱Se**ssflu

Vale	Desiţion	
200	ОК	
201	Created	
202	Accepted	
203	Non-Autbritative Information	
204	No Content	
205	Reset Content	
206	Partial Content	

## **AReidetion**

Vale	Desiţion
300	Multiple Chices
301	Moved Permanently
302	Found
303	See Othr
304	Not Modified
305	Use Proxy
306	(Unused)
307	Temporary Redirect

# **≰**Client Eor

Vale	Desi <b>t</b> ion		
400	Bad Reqest		
401	Unautbriæd		
402	Payment Reqired		
403	Forbidden		
404	Not Found		
405	Metbd Not Allowed		
406	Not Acceptable		
407	Proxy Autentication Reqired		
408	Reqest T imeout		
409	Conflict		
410	Gone		
411	LengtlReqired		
412	Precondition Failed		
413	Reqest Entity T oo Large		
414	Reqest-URI T oo Long		
415	Unsupported Media Type		
416	Reqested Range Not Satisfiable		
417	Expectation Failed		
426	Upgrade Reqired		

## **¥**Se**e**rEor

Vale	Desiţion	
500	Internal Server Error	
501	Not Implemented	
502	Bad Gateway	
503	Service Unavailable	
504	Gateway Timeout	
505	HTTP Version Not Supported	

## Reff

- RFC HTML Response Status Codes
- W3 Status Code Definitions

## **List Tansation Cod**

Cod	Respnse	Detail
00	Transaction Approved	
01	Refer to card issuer	
02	Refer to card issuer, special condition	
03	Invalid mercant or service provider	
04	Pick up card (no fraud)	
05	Do not bnor	
06	General error	The customer 's card issuer has declined the transaction as there is a problem with card number. The customer shuld contact their card issuer and/or use an alternate card.  Note: The response code can also be returned via the Rapid API if you run a transaction qery prior to the transaction being completed.
07	Pick up card, special condition (fraud account)	
08	Honour with Identification	Transaction processed successfully - identification NOT reqired. Tis code is returned by some banks in place of 00 response.

### Reff

- ttps://developer .visa.com/guides/reqestresponsecodes
- ttps://go.eway .io/s/article/Bank-Response-Codes-Responses-00-to-38
- ttps://go.eway .io/s/article/Bank-Response-Codes-39-to-96
- ttps://developers.google.com/standard-payments/v1/fops/card/response-codes

## Catatan SeekrA 50

## Link

- Building CICD pipelines for serverless microservices using the A WS CDK
- How To Build a Serverless CI/CD Pipeline On AWS

# Catatan SeebrGIT

## Link

- Cachng your GitHub password in Git
- git the simple guide
- How to ignore files already managed with Git locally

# Catatan SeebrT OOL

Link

Cmod

## Catatan SeebrLINUX

## Ðrbakopn pt lin⊯

netstat -ntulp

- Enable SSH Server on Debian
- \*\*\* How do I cange permissions for a folder and all of its subfolders and files in one step in Linux plosed]
- Fix E: Could not get lock /var/lib/dpkg/lock'Error in Ubuntu Quick T ip]
- How to kill a process running on particular port in Linux?
- update-java-alternatives vs update-alternatives --config java

# Catatan SeekrMACBOOK

## Link

MacBook Pro TouchBar Stuck At Black Screen WithOnly Esc Shwing?
 Here's The Fix

# Catatan SeebrDESIGN

### Reff

- Freepik
- Pinterest
- pttrns.

### Saw The Date

- Elli
- Greeting Island

# Catatan SeebrSEO

- Menjelajahgaleri penelusuran
- 5 Tips Mudal SEO untuk Developer

# Catatan SeebrALGORITHM

### Link

• Penjelasan Sederana T entang Time Complexity dan Big-O Notation

## Catatan SeekrMBI

### Lab

Hack Ths Site

### **Tools**

- BeEF
- I can see your local web servers
- Metasploit
- Sn1per
- SQLMAP
- SQL Ninja
- Qark

### Link

- Mutation XSS in Google Search by TomaszNidecki
- Web Penetration Testing by Rajpal Singh
- Bincang Cyber
- GPG Tutorial
- CVEDetails

# Catatan See&rSOFW ARE

• mas-13