Build A Stock Market App with Node and JavaScript

Prepare utk di install lebih dulu kalua belum ada:  
Git BASH : https://github.com/git-for-windows/git/releases/download/v2.42.0.windows.1/Git-2.42.0-64-bit.exe

NodeJS : <https://nodejs.org/en> (pilih yg LTS)

Wamp : <https://sourceforge.net/projects/wampserver/>

Buka Git Bash Console

* Start New App with NPM Init

A screen shot of a computer program

Description automatically generated

* Install express js and set port

A screen shot of a computer

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Create file index.js

A computer screen with text and images

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* Build our first webpage

Buat folder baru dg nama public

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Buat file index.html dlm folder public

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Kemudian ambil template html code seperti capture dibawah

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A screen shot of a computer screen

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Kembali ke file index.js, kemudian tambahkan baris code berikut, kemudian save



Ctr+C pada bash console, kemudian jalankan kembali node index.js

A black screen with colorful text

Description automatically generated

Dan refresh browser

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Buat file about.htm dalam folder public, kemudian copy paste isi dari file index.html dan ubah sedikit

A screen shot of a computer program

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Check browser

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* Set up Nodemon

A black screen with white text

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Cek apakah berhasil running

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Capture diasa berhasil running, lanjut step berikutnya

A screenshot of a computer program

Description automatically generated

Modify file package.json

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Jalankan node nya dengan command yg berbeda dg sebelumnya

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* Install Handlebars

Ctrl+C supaya node yg jalan mati

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Modify kembali file index.js

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Buat folder views

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Dlm folder views buat file dg nama home.handlebars, kemudian buat folder baru lagi dlm folder views dg nama layouts

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Buat file dg nama main.handlebars di dlm folder layouts

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Description automatically generated

* Handlebars page

Copy isi dari file index.html dan paste ke file main.handlebars dan edit

A screenshot of a computer program

Description automatically generated

Edit file home.handlebars seperti berikut

A screen shot of a computer code

Description automatically generated

Jalankan kembali servernya

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Description automatically generated

Hasilnya di browser

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Description automatically generated

Pass variables to handlebars

Modify file home.handlebars

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Description automatically generated

Kemudian modify fle index.js, bisa dg 2 cara

Cara 1

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Description automatically generated

Hasilnya

A screenshot of a computer

Description automatically generated

Cara 2

A screen shot of a computer program

Description automatically generated

Hasilnya

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Description automatically generated

Version control with Git

Generate ssh key untuk di pasang di github.com

Pastikan ada di direktori profile

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Buat direktori .ssh

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Masuk ke direktori .ssh

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Description automatically generated

Buka file id\_rsa.pub dan copy isinya

A screenshot of a computer

Description automatically generated

Masuk ke github.com untuk pasang key yg tadi di copy

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A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

Apabila init berhasil, muncul tulisan master

1. $ git config --global user.name "Your Name"
2. $ git config --global user.email "you@youraddress.com"
3. $ git config --global push.default matching
4. $ git config --global alias.co checkout
5. $ git init

Push code to github

Masuk ke akun github.com utk buat repository

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git remote add origin https://github.com/firmansy85/build-a-stock-market-app.git

git branch -M master

git push -u origin master

git add .

git commit -am “initial commit”

git push (kalo gagal jlnin command dibawah)

git push -f --set-upstream origin master

A screenshot of a web page

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Coba update salah 1 file contoh index.js ditambahkan comment

A screen shot of a computer program

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