

# BASIC TRAINING HMI IOT HAIWELL

HMI is the vital tool operators and line supervisors use to coordinate and control industrial and manufacturing processes in a plant or factory.



## Haiwell IoT Cloud Feature



### Web API Interface

Third-party software and platforms can easily and securely obtain device data and control devices through the built-in Web API function using HTTP protocol, support real-time data push, support PHP, Java, C#, C++ languages. Support Internet and LAN network.



### Configuration Screen Integration

Innovatively opened the integration function of the device configuration screen to third parties. Device screen can be integrated into a variety of personalized scenarios such as third-party software, websites, APPs, and applets. Let third-party applications immediately have the remote control capabilities of the device.



### Multiple security protection mechanisms

Higher safety level with A/B Key + local confirmation safety mechanism, ensure the safe and stable operation of equipments.



### Connect to database

Real-time&history data can be stored to MySQL, SQL Server etc. Support data distribution, and cooperate to generate various real-time data reports.



### Real-time alarm notification

Alarm information can be pushed to designated management personnel by APP, WeChat, etc.



### MQTT protocol & Built-in MQTT server

Support MQTT protocol. Can be connected to database server/ERP/MES etc. Actively report, supports millions of terminal concurrent networks. Built-in MQTT server.



### Third party IoT Platform

Support access to third-party IoT platforms such as Alibaba Cloud, Amazon, Google, etc.



### Cloud transparent transmission

Support remote programming, uploading and downloading, firmware upgrade, diagnosis, monitoring and debugging of PLC etc.



### Remote data interaction

Supports remote device data interaction through MQTT server, and invocation of the remote device data by Haiwell Cloud SCADA.



### Supports multiple protocols

Supports for multiple third party protocols. Built-in a variety of industrial equipment drivers

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Self-innovation and High-quality

Haiwell IoT Cloud HMI



## Haiwell IoT Cloud Feature

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Built-in Ethernet



WiFi Network



USB\*2 Port



SD Card Storage



Edge Computing



4G Network



7"/"10.1" Optional

4GB + 512



Free Remote Control Monitoring Anytime and Anywhere

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## Next ..... Open HaiwellSCADA Programming Software

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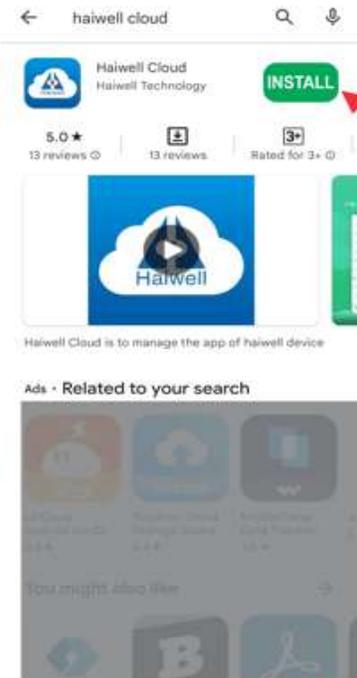


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Haiwell, IoT Cloud HMI

## Available on Playstore & Appstore

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You haven't signed in yet. Please use after signing in

Login

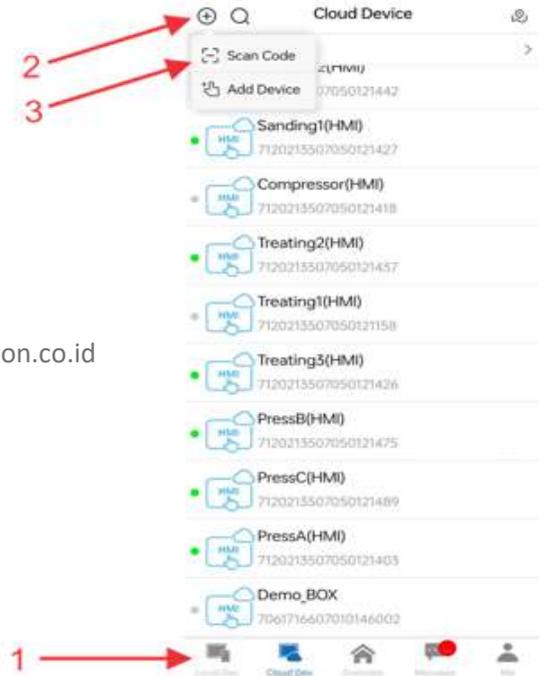
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Haiwell, IoT Cloud APP



Next Input  
Password &  
waiting email  
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Haiwell, IoT Cloud APP

## Haiwell Customer Reference

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### OUR CLIENT



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Haiwell PLC Training

# MEMULAI PROGRAMMING HMI

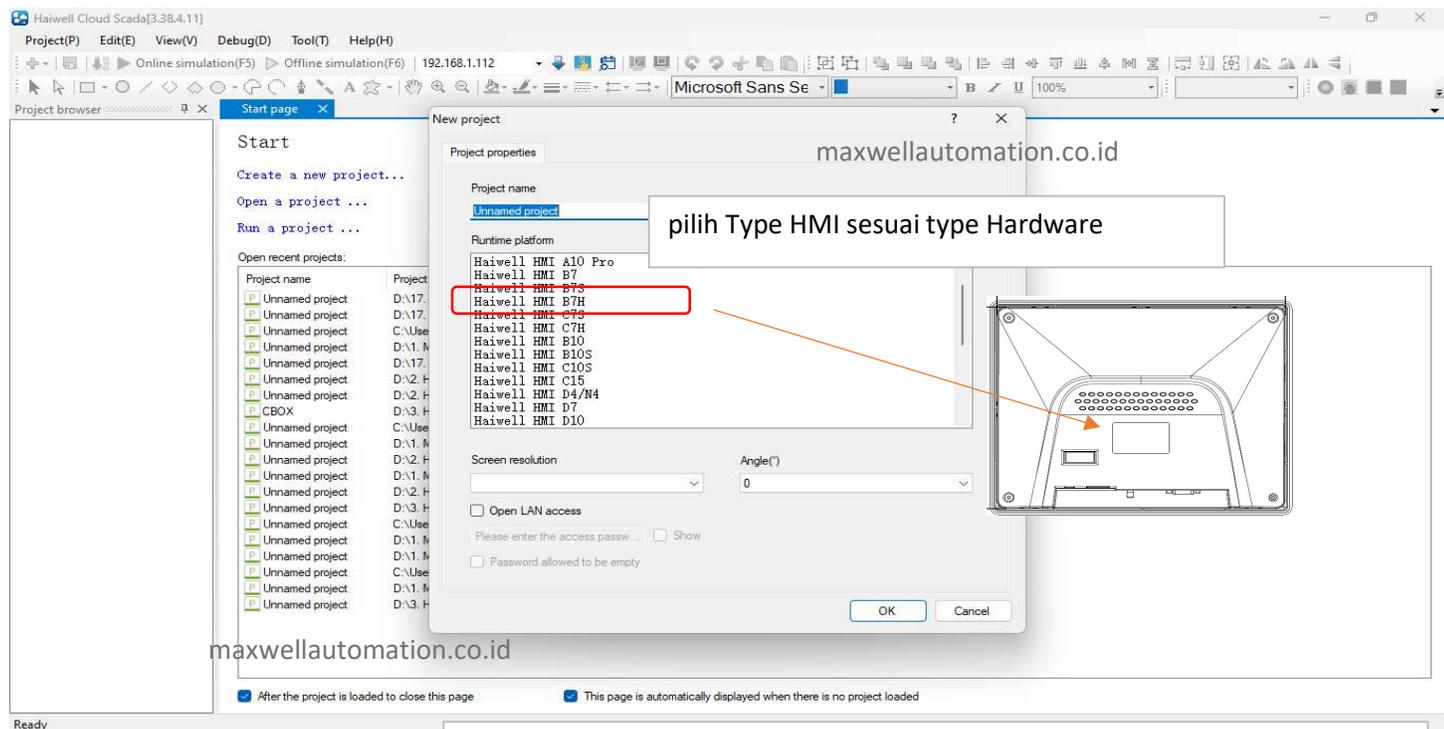
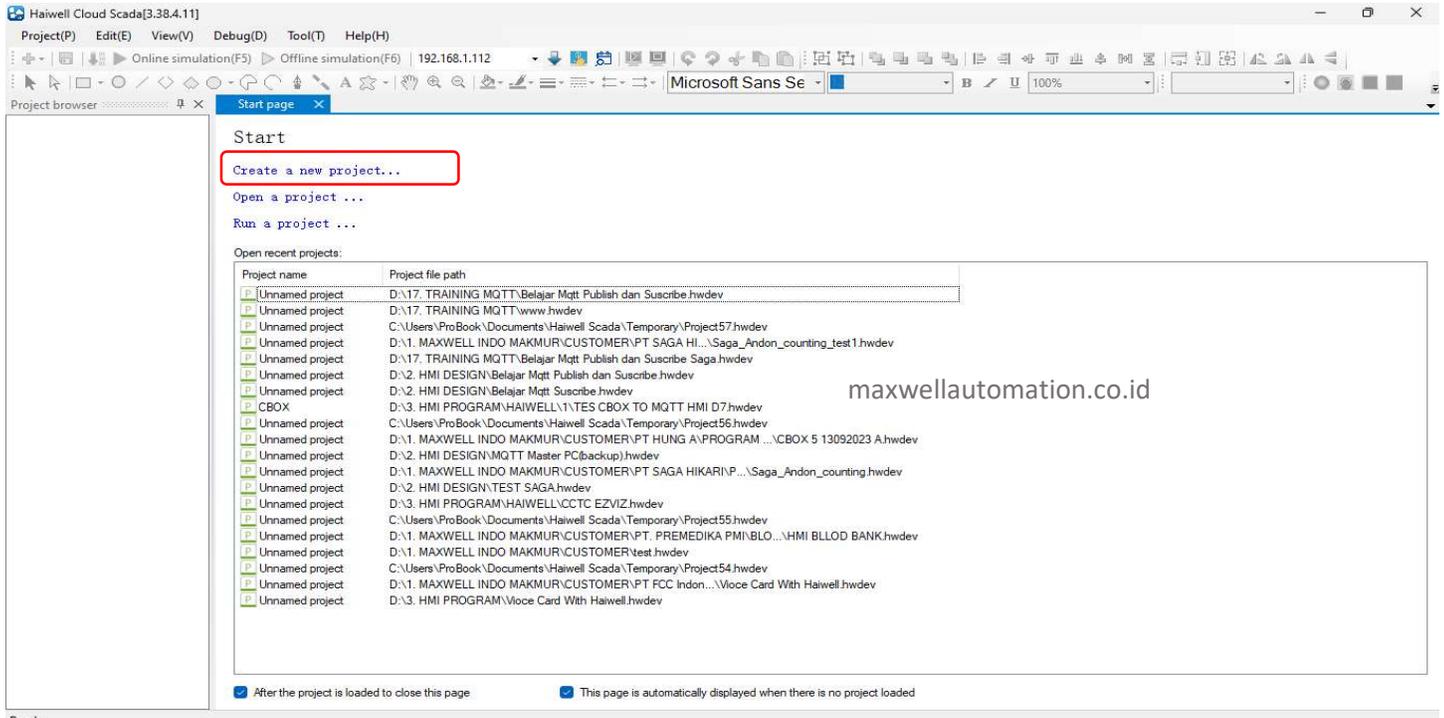
1 Software HMI IOT Haiwell Adalah Haiwell Cloud Scada yang warna Biru , bisa di donwload di Haiwell

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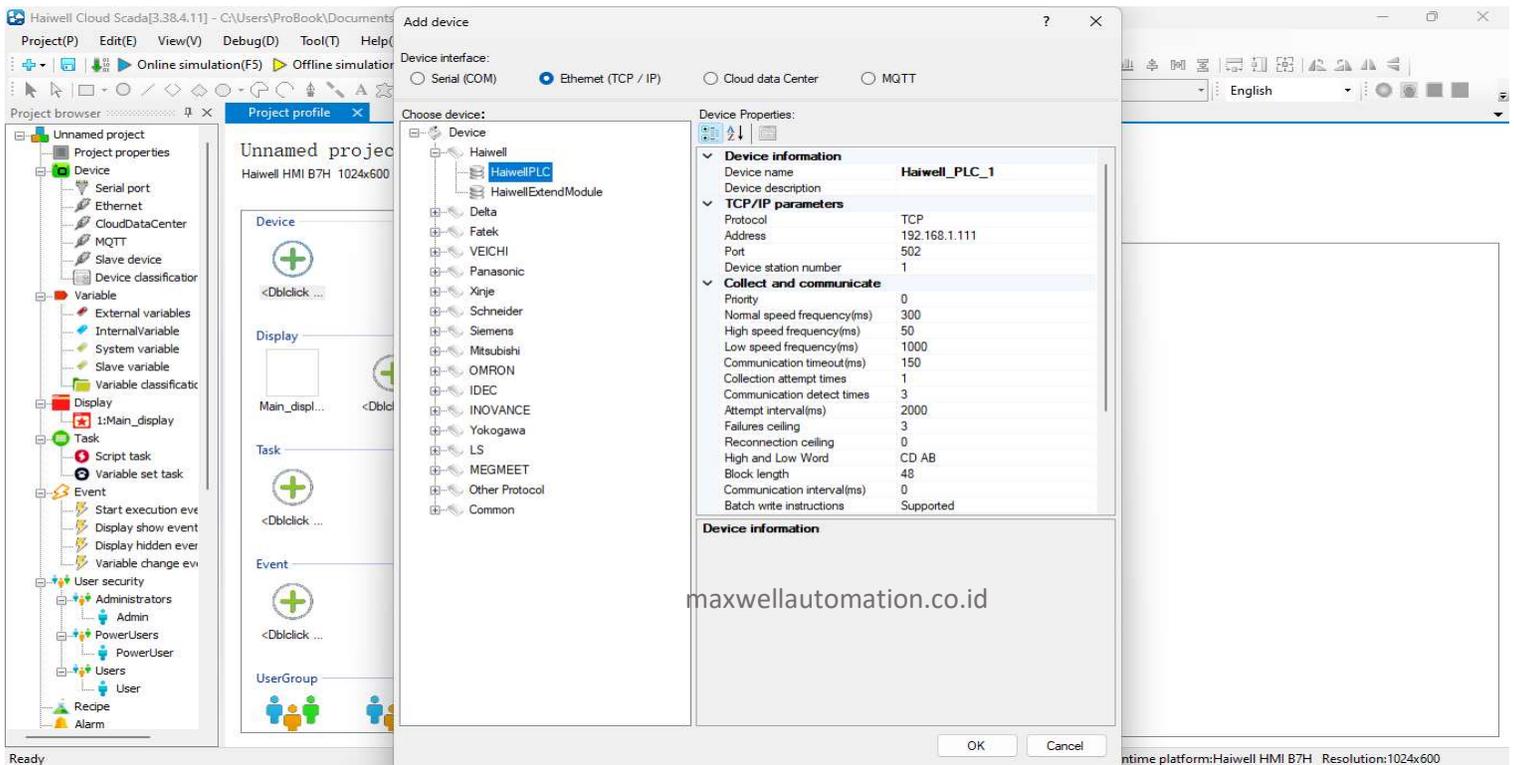
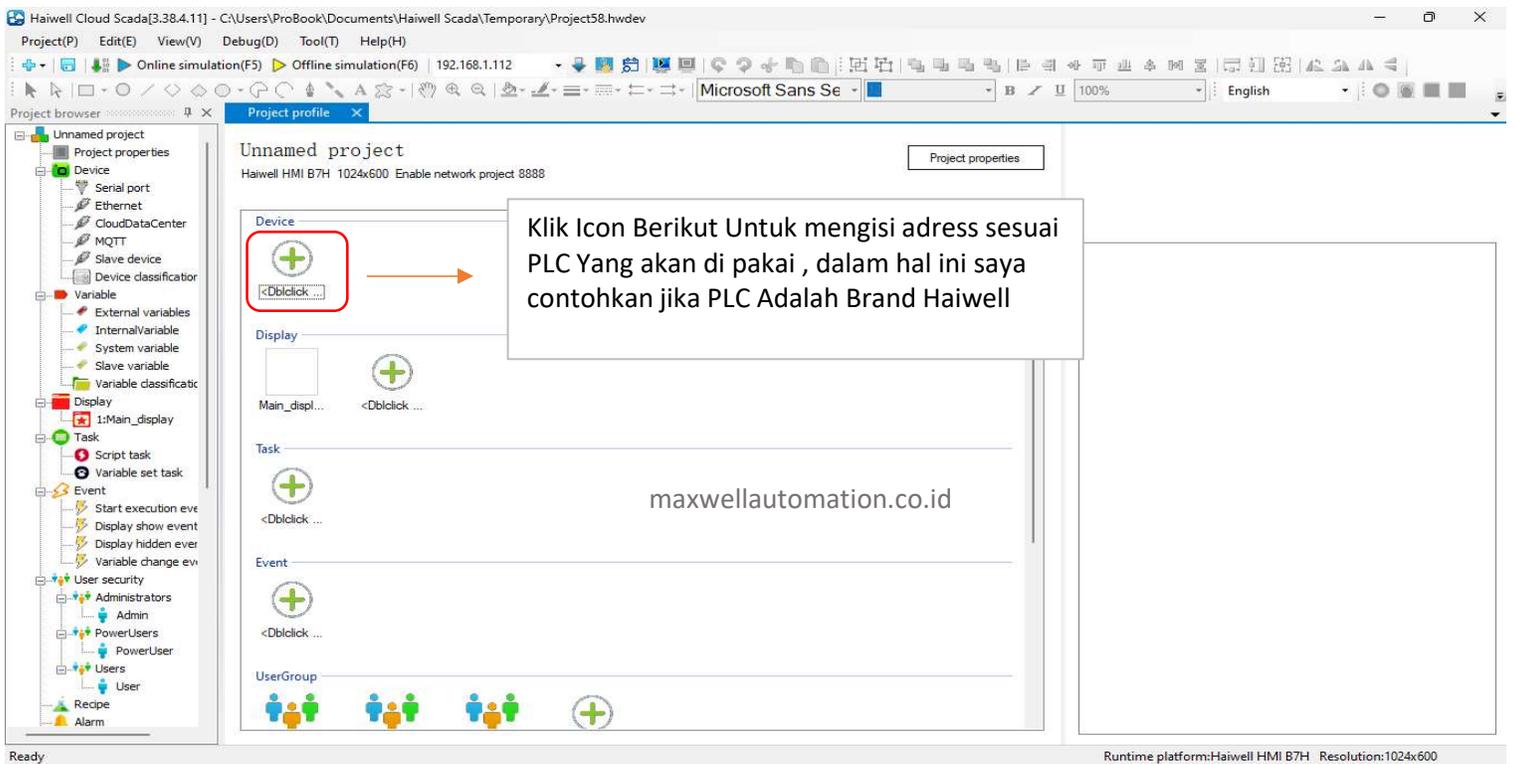


2 Buka Aplikasi software HMI Haiwell

3 Klik New Project

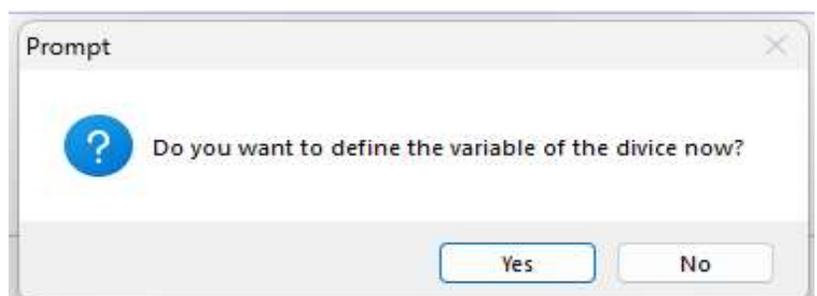


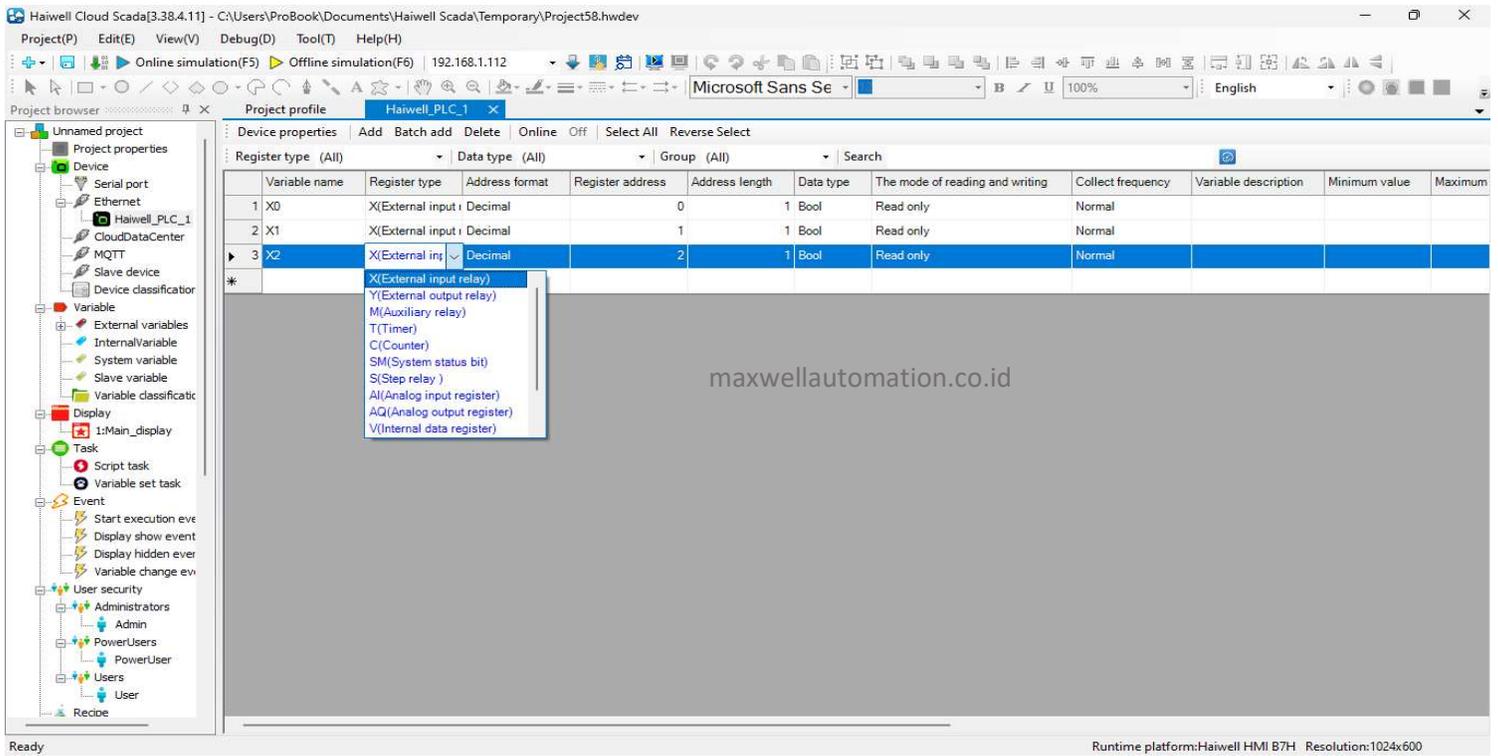
Centang Kolom Open LAN Access Dan Password Empty Jika tak pake password , Password ini di gunakan untuk access upload program



\* Dalam hal ini saya memakai Komunikasi menggunakan PLC Haiwell , Komunikasi PLC Ke HMI memakai Ethernet TCP / IP , dengan protocol TCP Adress 192.168.1.111 Dan lain lain sesuai data di atas

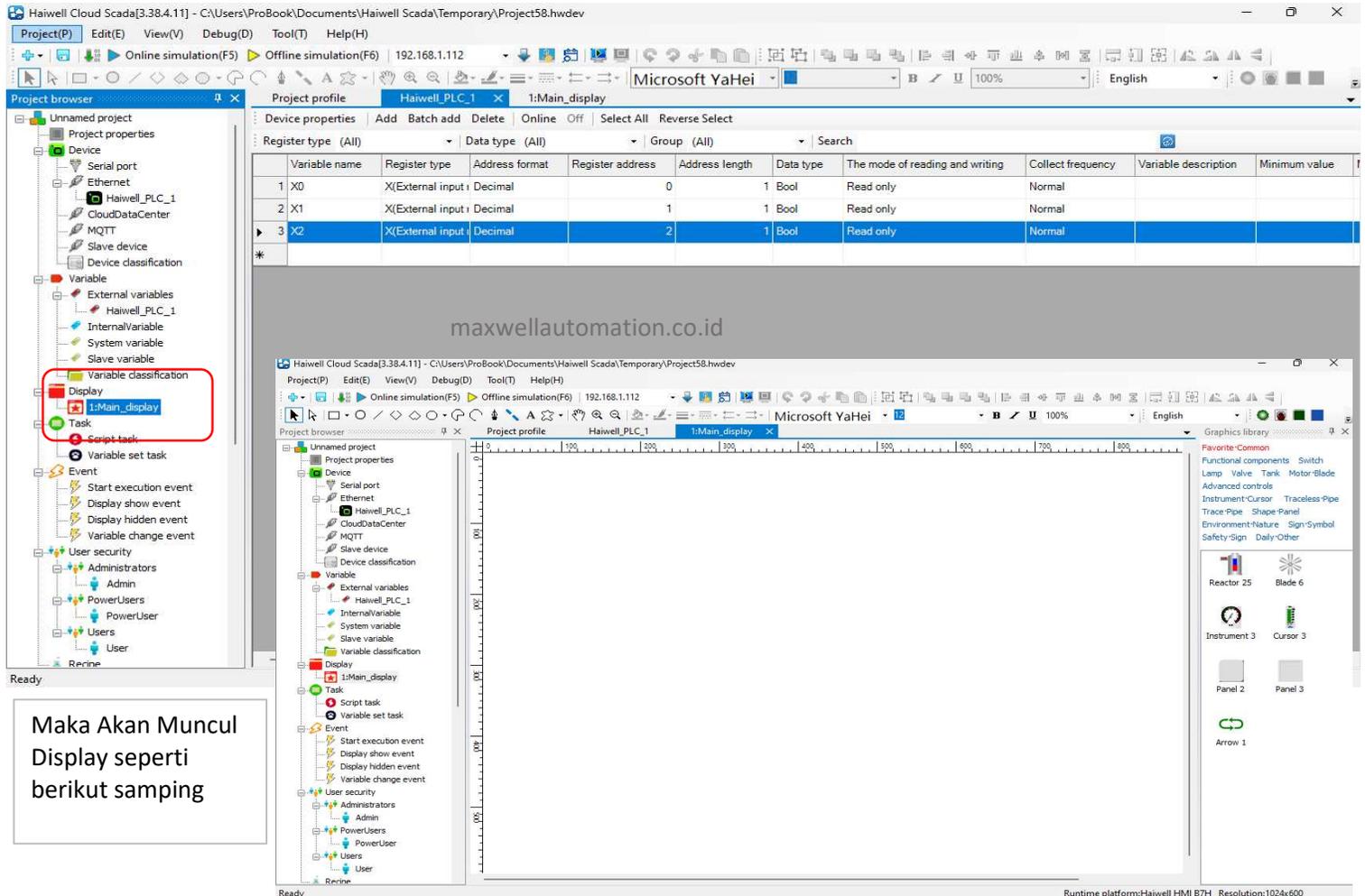
lalu Klik Ok , maka akan muncul notif di samping ini , lalu klik YES





\* Dalam Hal ini silahkan isi sesuai kebutuhan , peng kodean PLC sudah secara otomatis akan sesuai kode dengan PLC yang akan kita pakai , Misal dalam hal ini plc haiwell , maka kode adress akan sesuai dengan PLC haiwell , kita sebagai praktisi hanya menyesuaikan sesuai kebutuhan .

Lalu Klik icon Display \_ MainDisplay , Kotak Merah



Maka Akan Muncul Display seperti berikut samping



