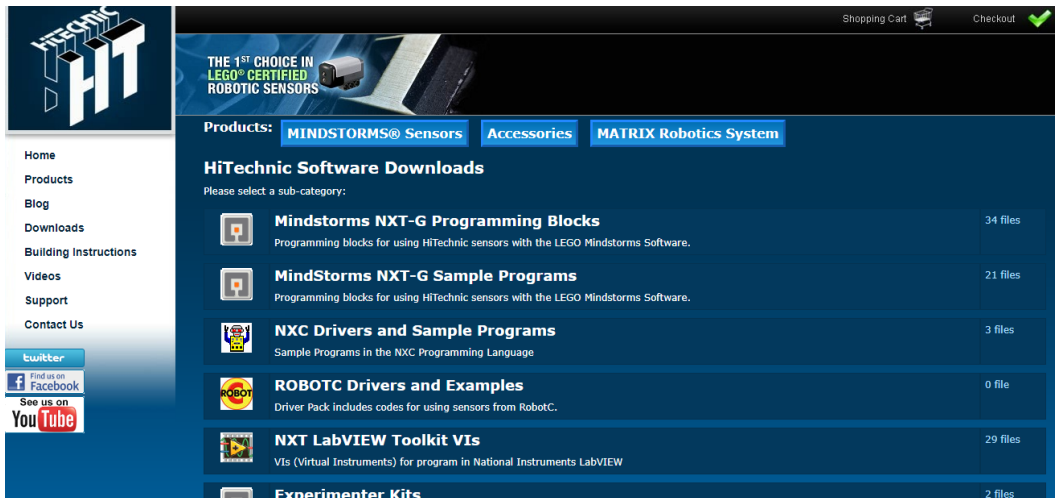
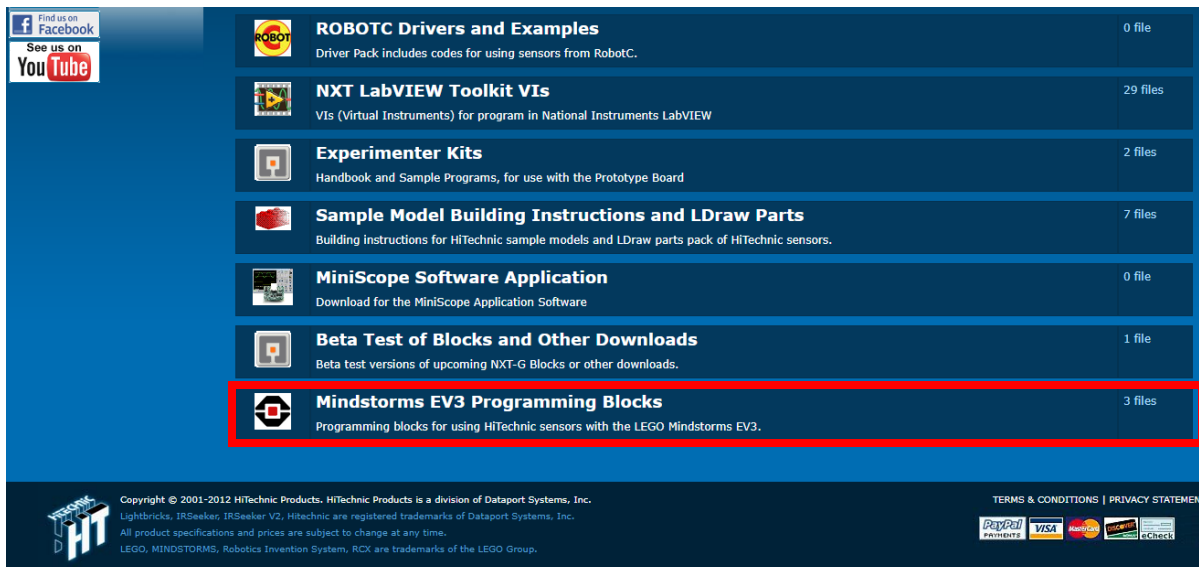


## การใช้ Expansion board HuskyLens to LEGO EV3

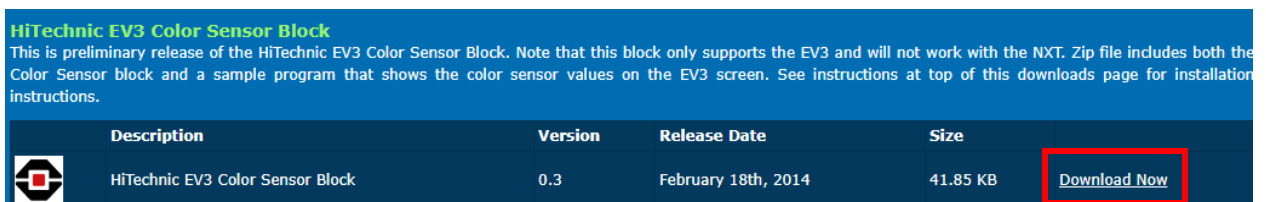
1. เข้าไปที่เว็บ <https://www.hitechnic.com/downloads>



2. การ Download Block สำหรับเขียนโปรแกรม EV3



3. Download Block สำหรับ Sensor ที่ต้องการใช้งาน (EV3)



#### 4. ការ Download Block

The screenshot shows the HiTechnic website's 'Software Downloads' section. On the left is a navigation menu with links: Home, Products, Blog, Downloads, Building Instructions, Videos, Support, and Contact Us. Below the menu are social media links for Twitter, Facebook, and YouTube. The main content area has a header with the HiTechnic logo and a banner for 'THE 1ST CHOICE IN LEGO® CERTIFIED ROBOTIC SENSORS'. Below the banner are three product category buttons: 'MINDSTORMS® Sensors', 'Accessories', and 'MATRIX Robotics System'. The 'HiTechnic Software Downloads' section contains a paragraph about updates and a registration form. The form includes fields for 'Your name:' and 'Your Email address:', followed by a checkbox for 'Would you like to receive news about HiTechnic Products and software updates?'. A red rectangle highlights the 'Proceed to Download' button. At the bottom of the page, there is a copyright notice and a row of payment logos including PayPal, Visa, MasterCard, American Express, and eCheck.

Shopping Cart Checkout

Products: [MINDSTORMS® Sensors](#) [Accessories](#) [MATRIX Robotics System](#)

### HiTechnic Software Downloads

Occasionally we release updated versions of the programming blocks and post new example programs. You have the option to register and receive emails informing you of updates and other changes. You can still download the programming blocks and examples if you chose not to register. Your contact information will not be disclosed to anyone and not used for any other purpose.

Your name:

Your Email address:

Would you like to receive news about HiTechnic Products and software updates? ☐

[Proceed to Download](#)

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#### 5. ការ Download Block

This screenshot shows the same HiTechnic website after the registration process. The layout is identical to the previous screenshot, but the registration form is replaced by a message: 'Your file is now ready for download. Please click the link below to start your download.' A red rectangle highlights the download link: '545-HiTechnicEV3Color.zip'. Below the link, there is a smaller text that says 'Once you have successfully downloaded this file, click here to return to the downloads page.' The rest of the page, including the navigation menu, product categories, and footer, remains the same.

Shopping Cart Checkout

Products: [MINDSTORMS® Sensors](#) [Accessories](#) [MATRIX Robotics System](#)

### HiTechnic Software Downloads

Occasionally we release updated versions of the programming blocks and post new example programs. You have the option to register and receive emails informing you of updates and other changes. You can still download the programming blocks and examples if you chose not to register. Your contact information will not be disclosed to anyone and not used for any other purpose.

Your file is now ready for download. Please click the link below to start your download.

[545-HiTechnicEV3Color.zip](#)

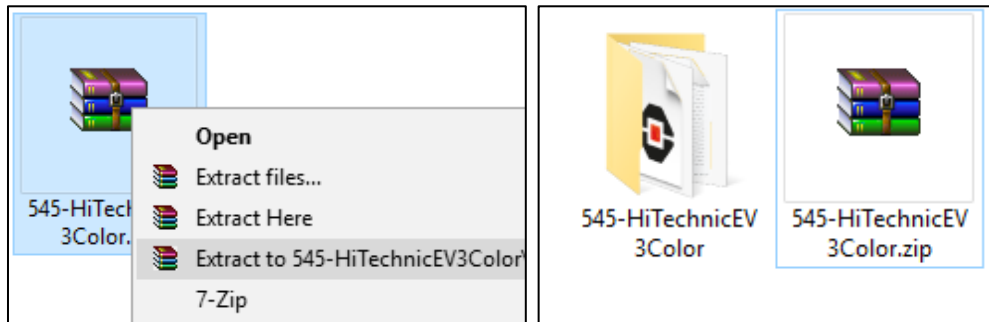
Once you have successfully downloaded this file, click [here](#) to return to the downloads page.

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Lightbricks, IRSeeker, IRSeeker V2, HiTechnic are registered trademarks of Dataport Systems, Inc.  
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LEGO, MINDSTORMS, Robotics Invention System, RCX are trademarks of the LEGO Group.

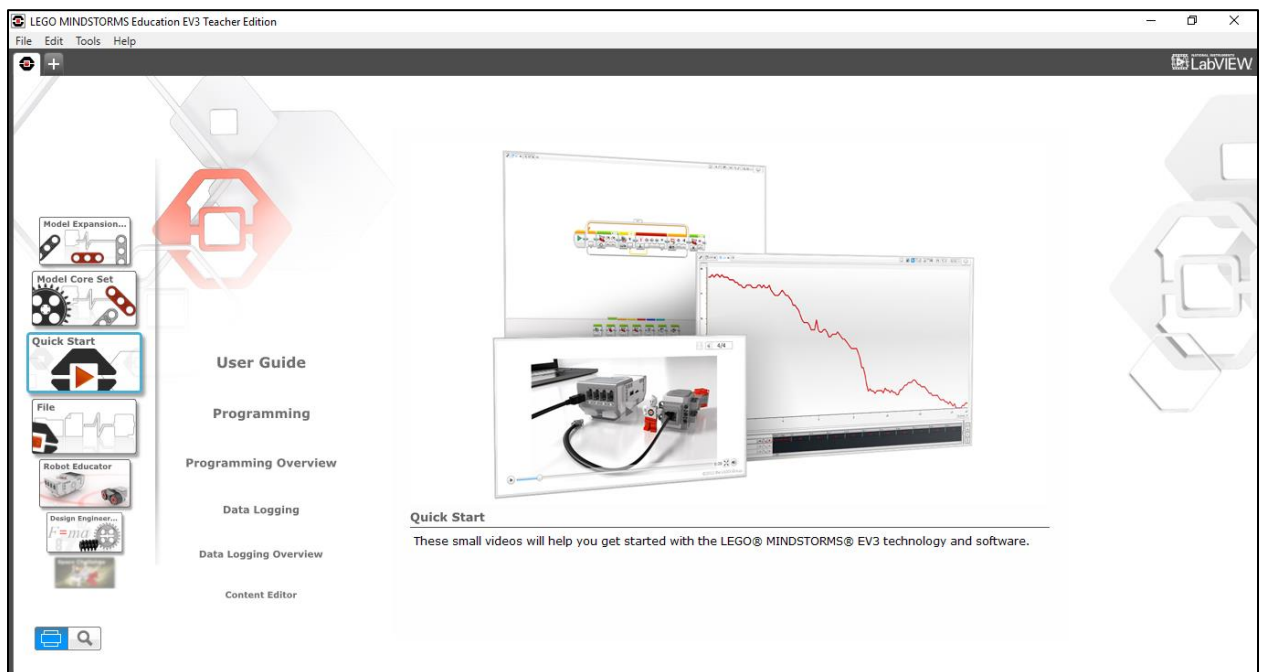
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## การ Import Block สำหรับ EV3

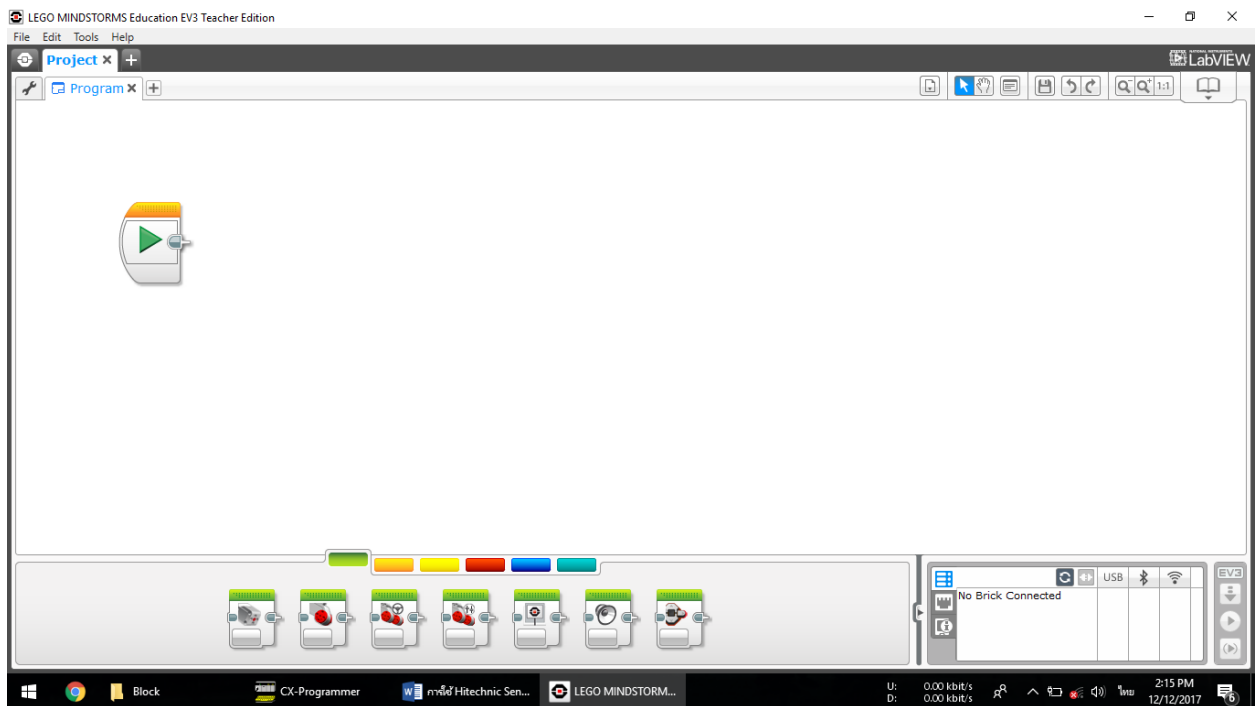
1. เมื่อ Download มาแล้วจะได้ไฟล์แบบนี้ ให้ทำการแตกไฟล์ออกมา



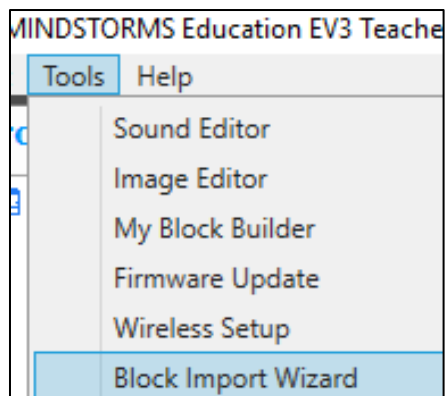
2. ทำการเปิดโปรแกรม EV3 ขึ้นมา



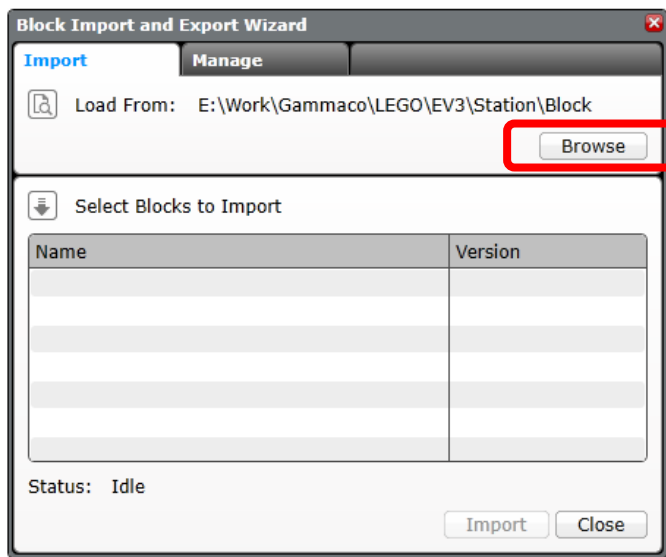
### 3. ทำการสร้าง Project ขึ้นมา



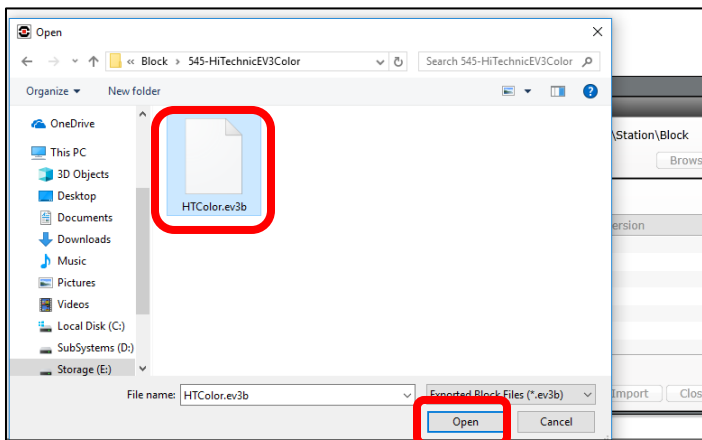
### 4. ไปที่ Tools -> Block Import Wizard



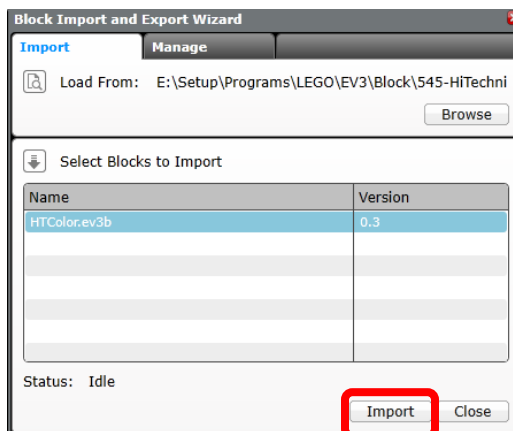
5. เลือก Browse



6. เลือกไฟล์นามสกุล .ev3b แล้วกด Open



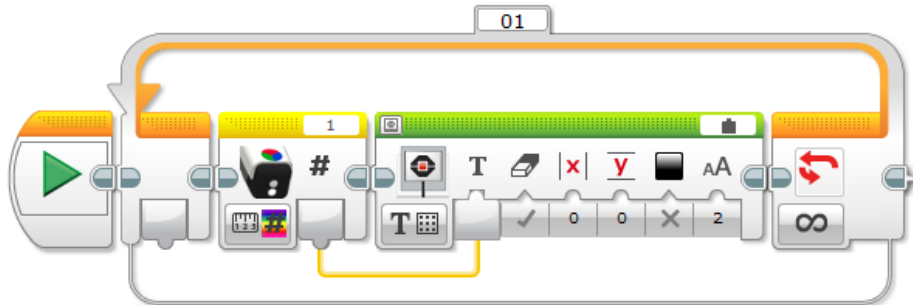
7. กด Import เป็นอันเสร็จสิ้น



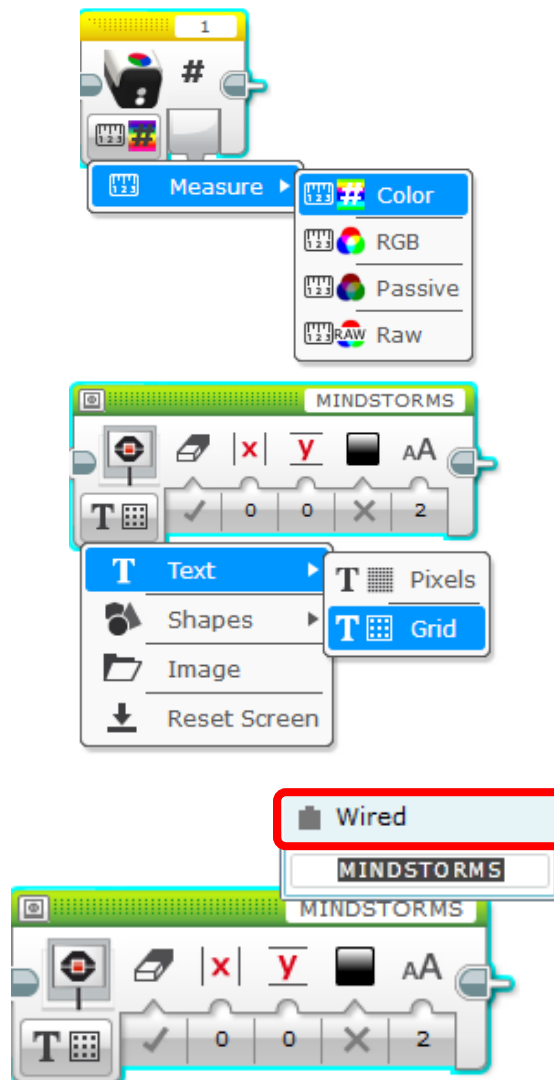
8. Block จะถูก Import เข้ามาในโปรแกรม



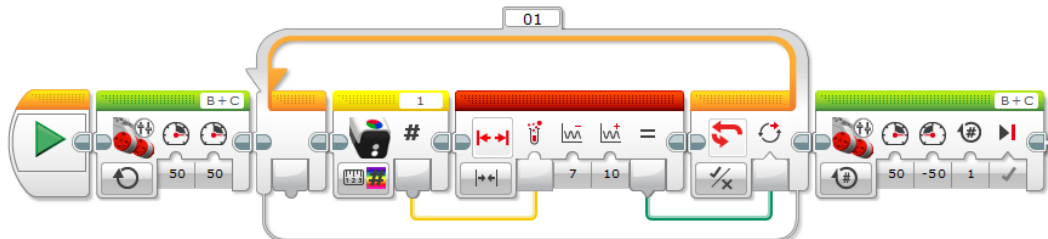
## ตัวอย่างการใช้งาน Hitechnic EV3 Color Sensor



ทดสอบการอ่านค่า Sensor โดยการนำค่าที่ได้จาก Sensor มาแสดงผลออกทางหน้าจอ



## ตัวอย่างการใช้งาน EV3 Hitechnic Color Sensor



ทดสอบการอ่านค่า Sensor โดยการให้หุ่นยนต์เดินตรงไปเรื่อยๆ จนกว่า Sensor จะเจอช่วงสีที่กำหนด จากนั้นหุ่นยนต์จะเลี้ยวไปในทิศทางหนึ่ง

