

Lego Ev3 Mindstorms Simulation

Brick Code

The screenshot shows the Brick Code editor interface. On the left is a sidebar with a search bar and categories: Brick, Sensors, Motors, Music, Loops, Logic, Variables, Math, and Advanced. The main workspace contains the following code blocks:

- exit program
- Screen
- show mood (eyes icon)
- show image (smiley face icon)
- show string "Hello world" at line 1
- show number 0 at line 1
- show value "" = 0 at line 1
- show ports
- clear screen
- Battery
- battery level (%)

On the right, a separate block is shown: "on button enter pressed" followed by "set status light to orange", "show image (smiley face)", and "show string 'Bahçeşehir Koleji' at line 1".

Motors Code

The screenshot shows the Motors Code editor interface. On the left is a diagram of the EV3 brick with four ports (1, 2, 3, 4) and three sensors (0%, B=C, C=B) connected. The main workspace contains the following code blocks:

- on start
- ramp large motor A at 50 % for 500 milliseconds
- tank motors B+C 50 % 50 %
- stop large motor A

On the right, a sidebar with a search bar and categories: Brick, Sensors, Motors, Music, Loops, Logic, Variables, Math, and Advanced.