

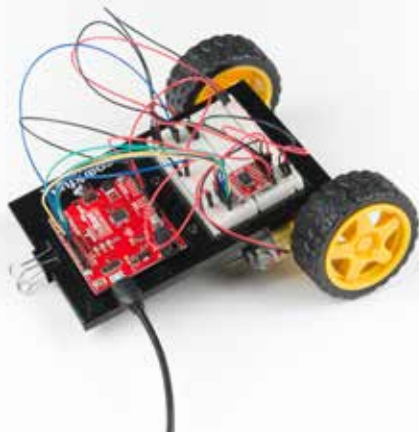
Open the Arduino IDE

Connect the RedBoard to a USB port on your computer.

Open the Sketch:

File > Examples > SIK-Guide-Code-master > **SIK_CIRCUIT_5B-REMOTE CONTROL ROBOT**

Select **UPLOAD** to program the sketch on the RedBoard.



WHAT YOU SHOULD SEE

Start by flipping the switch to the ON position. Open the Serial Monitor. It should prompt you to enter a command. When you type a direction into the Serial Monitor the robot will move or turn.

PROGRAM OVERVIEW

1 Prompt the user to enter a command and list the shortcuts for the directions.

2 Wait for a serial command.

Read the serial command and set that as the direction:

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- A:** If the direction is "f", drive both motors forward for the distance.
 - B:** If the direction is "b", drive both motors backward for the distance.
 - C:** If the direction is "r", drive the right motor backward and the left motor forward.
 - D:** If the direction is "l", drive the left motor backward and the right motor forward.