PROGRAMMING EXERCISE

Create a new project called bumptest.uv2. This project will beep the buzzer 3 or 4 times when the left bump switch is made (shorting C1 pin 1 to ground). When the right bump switch is made (shorting C1 pin 8 to ground) the buzzer will beep 7 or 8 times. The ground pins are right next to the port pins on C1 towards the outside of the board. So to short a port pin you just short straight across the connector (ask your instructor for help if you are not sure which pins!!).

Create another new project called avoid.uv2. This project will cause the lego robot to back up and turn in the opposite direction when a bump switch is activated. Test you project by shorting the pins like you did in project bumptest.