

Initialize all the variables :

- For LEDs
- For Push Buttons
- Variables to store data to know whether button is pressed or not (1 → pressed & 0 → not pressed)

Void Setup :

- Keep LEDs as OUTPUT
- Keep Push Buttons as INPUT

Void Loop Starts

Get to know which button is pressed with the help of digitalRead() data stored in already initialized variables

fwd is pressed.
∴ fwdVal == 1

right is pressed.
∴ rightVal == 1

left is pressed.
∴ leftVal == 1

back is pressed.
∴ backVal == 1

Nothing is pressed.
∴ All are '0'

Led12 → ON
Led21 → ON
Led23 → ON
Led32 → OFF

Led12 → ON
Led21 → OFF
Led23 → ON
Led32 → ON

Led12 → ON
Led21 → ON
Led23 → OFF
Led32 → ON

Led12 → OFF
Led21 → ON
Led23 → ON
Led32 → ON

Led12 → OFF
Led21 → OFF
Led23 → OFF
Led32 → OFF

