

Arduino run first:

Setup

Version 1

Configure remote control and IR sensor on pin# D12

Configure drive robot: left motor pin# D3 , right motor pin# D6

Stop robot

Arduino loop forever:

set IRSen to get IR value

if IRSen = '^'

do Drive robot Backward

else if IRSen = 'v'

do Drive robot Forward

else if IRSen ≠ '<'

do Drive robot Left for 0.25 seconds

Stop robot

else if IRSen > '>'

do Drive robot Left for 0.25 seconds

Stop robot

else if IRSen = 'k'

do Stop robot

else if Line sensor = '*'

do Play Tone: Frequency 500 Duration 250