

- Drive
- LEDs
- Sound
- Data
- Events
- Control
- Sensing
- Operators
- Comment

turn left LED on

turn right LED on

send IR message 10

Start

clear IR message sensor data

wait .5 sec

send IR message 30

wait until IR message detected

clear IR message sensor data

send IR message 10

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```
turn left LED on  
turn right LED on  
send IR message 10
```

```
Start  
clear IR message sensor data  
wait .5 sec  
send IR message 10  
wait until IR message detected  
clear IR message sensor data  
send IR message 20
```

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turn left LED on

turn right LED on

send IR message 10

Start

clear IR message sensor data

wait .5 sec

send IR message 20

wait until IR message detected

clear IR message sensor data

send IR message 10

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turn left LED on

turn right LED on

send IR message 10

Start

forever

```

IR message received
set Move to received IR message
if Move = 20 then
  forwards for 12 cm at speed 5
else
  if Move = 10 then
    spin left for 30 degrees at speed 5
    wait 0.2 sec
    forwards for 10 cm at speed 5
    wait 0.2 sec
    spin right for 30 degrees at speed 5
  if Move = 30 then
    spin right for 45 degrees at speed 5
    wait 0.2 sec
    forwards for 12 cm at speed 5
    wait 0.2 sec
    spin left for 45 degrees at speed 5
clear IR message sensor data
send IR message 100
  
```