

```
when program starts
forever
repeat until [1 is colour black ?]
  if [3 is distance < 100 cm ?] then
    set movement speed to 100 %
    start moving straight: 0
  else
    B set speed to 50 %
    C set speed to 50 %
    B run anticlockwise for 0.1 rotations
    C run clockwise for 0.1 rotations
  end
  if [2 is pressed?] then
    set movement speed to 100 %
    start moving straight: 0
  end
  if [4 is pressed?] then
    set movement speed to 100 %
    start moving straight: 0
  end
end
set movement speed to 100 %
move backward for 1 seconds
```