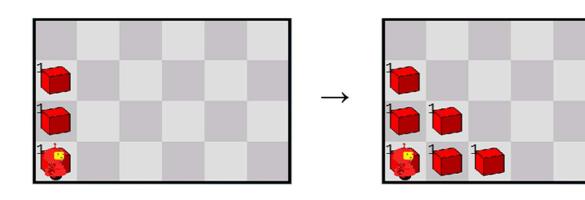


sail.c





```
MOVE_TO_END:
```

GO_TO_WALL_OR_OPEN SPOT
GO_BACK_IF_OPEN_SPOT

```
MAIN:

CLIMB_POLE

WHILE (NOT DONE)

MOVE_TO_END

GO_TO_NEXT_ROW_END

DEPOSIT_ITEMS
```

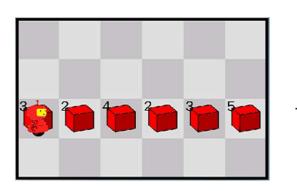
CLIMB_POLE:

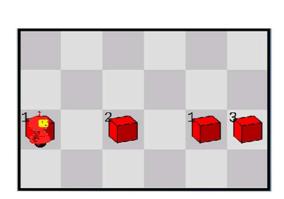
TURN_LEFT
MOVE_TO_END
TURN_RIGHT

```
void go to wall or open spot() {
    while (item present() && !wall in front())
        move();
void go back if open spot() {
    if (!item present()) {
        turn around();
        move();
        turn around();
void move to end() {
    go to wall or open spot();
   go back if open spot()
}
void climb pole() {
    turn left();
   move to end();
    turn right();
int main() {
    karel setup("settings/settings01 wall.json");
    climb pole();
    while (!wall to right()) {
          move to end();
          go to next row end();
          deposit items();
    turn off();
```

DISCUSSION

level.c





DISCUSSION

CHECK_ROW_AND_TURN_OFF:

MOVE_IF_POSSIBLE_AND_ITEM
IF (NO ITEM)
GO_TO_WEST_WALL
TURN OFF

MAIN:

WHILE (NOT DONE)

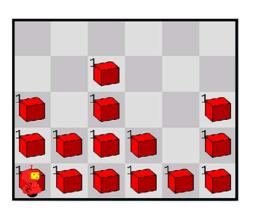
ELIMINATE ROW

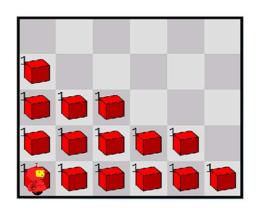
ELIMINATE_ROW:

CHECK_ROW_AND_TURN_OFF
COLLECT ITEMS

sort.c







```
MAIN:
```

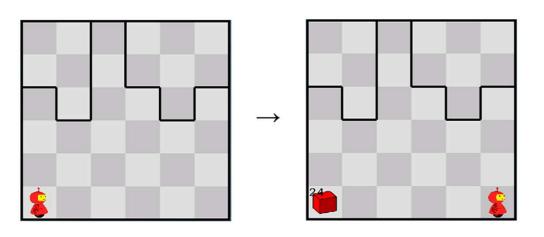
```
SORT_ROW
WHILE (NOT DONE)
GO_TO_NEXT_ROW
SORT_ROW
```

SORT_ROW:

COLLECT_ALL_ITEMS
GO_BACK
DEPOSIT_ITEMS
GO_BACK

measure.c





MAIN:

```
PROCESS_COLUMN
WHILE (NOT DONE)
MOVE
PROCESS_COLUMN
COLLECT_ALL_ITEMS
MOVE_TO_EAST_WALL
```

COLLECT_ALL_ITEMS:

```
WHILE (NOT DONE)

GO_TO_NEXT_ITEM

TAKE_ITEM

MOVE_TO_WALL

PUT_ITEM

TURNAROUND AND GO TO WALL
```

PROCESS_COLUMN:

DEPOSIT_ITEMS
COLLECT ALL ITEMS