

QUIZZ {1h00}

STUDENT FIRST NAME / LAST NAME: _____

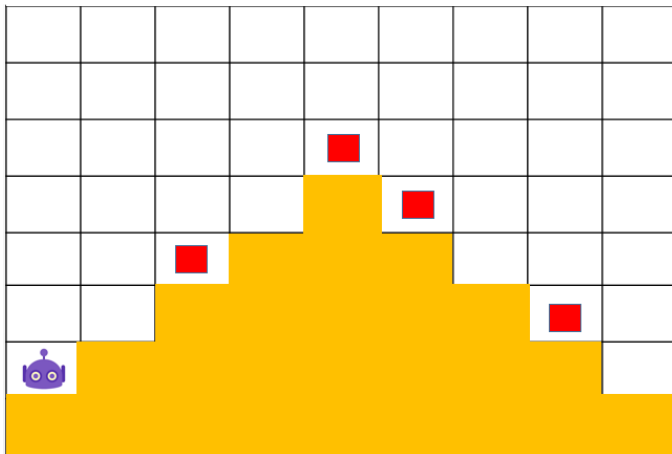
WARNING

YOU NEED TO CHECK CAREFULLY STEP BY STEP THAT YOUR CODE WORKS

If you code does not work, you will get a 0 score

Exercise 1: (25 POINTS)

| | |
|--------------------------------|--|
| Objective | Pick up all diamonds |
| Maximum number of instructions | 10 |
| Allowed instructions | GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP IF REPEAT N-TIME WHILE |
| Allowed conditions | <HAS DIAMOND> |



REPEAT 4

GO UP

GO RIGHT

IF <HAS DIAMOND>

PICK UP

REPEAT 3

GO RIGHT

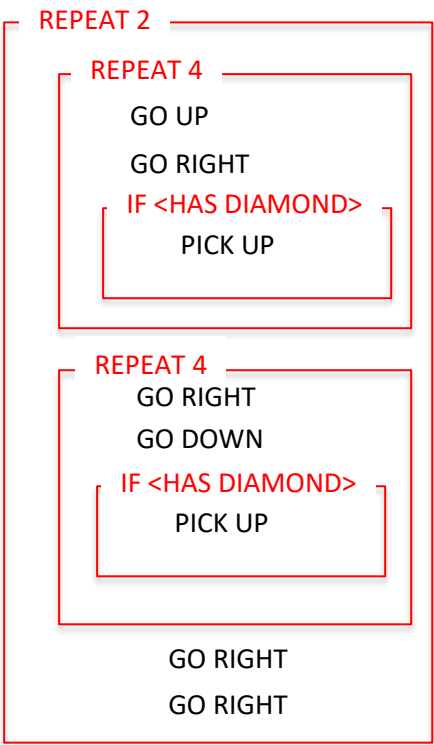
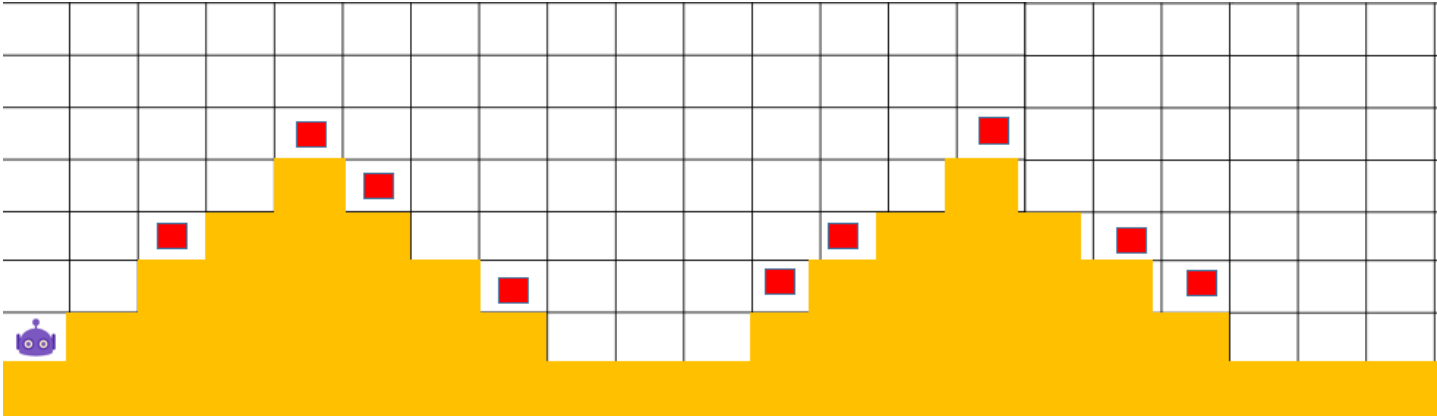
GO DOWN

IF <HAS DIAMOND>

PICK UP

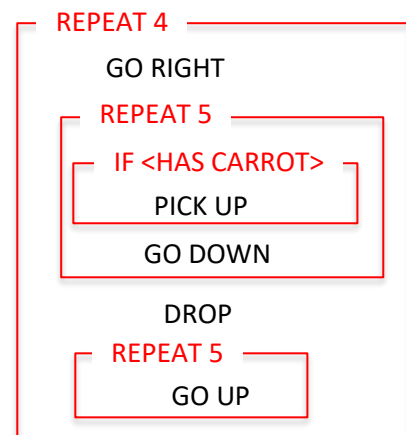
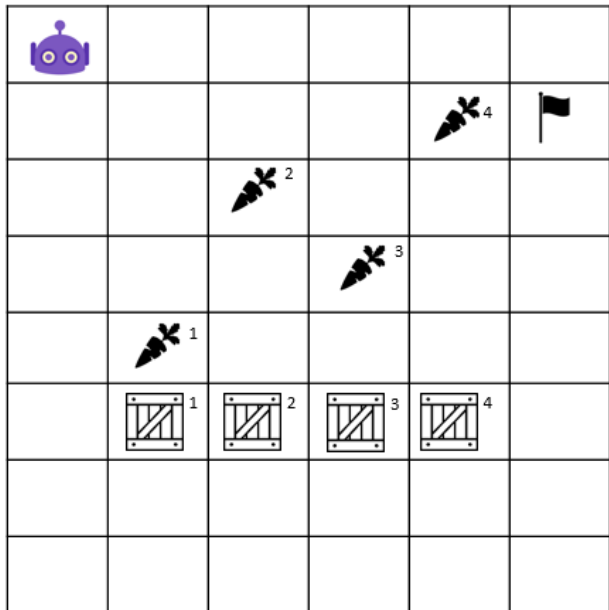
Exercise 2: (25 POINTS)

| | |
|--------------------------------|--|
| Objective | Pick up all diamonds |
| Maximum number of instructions | 14 |
| Allowed instructions | GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP IF REPEAT N-TIME WHILE |
| Allowed conditions | <HAS DIAMOND> |



Exercise 3: (25 POINTS)

| | |
|--------------------------------|--|
| Objective | Bring all carrots to their respective box |
| Maximum number of instructions | 13 |
| Allowed instructions | GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP IF REPEAT N-TIME WHILE |
| Allowed conditions | <HAS CARROT> |

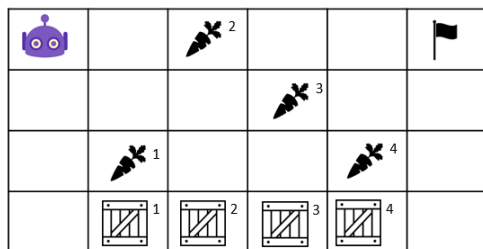


Exercise 4: (25 POINTS)

- Flag: ទង់ជាតិ

| | |
|--------------------------------|--|
| Objective | Bring all carrot to their respective box <u>and stop at the flag!!</u> <u>WARNING</u> : you program must work for the 2 cases !!! |
| Maximum number of instructions | 10 |
| Allowed instructions | GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP IF REPEAT N-TIME WHILE |
| Allowed conditions | <HAS CARROT> <HAS FLAG> <HAS NO FLAG> |

CASE 1



CASE 2

