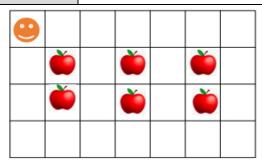
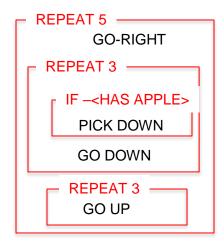
ACTIVITIES

EXERCICE 1:

Objective	Take all the apples.
Maximum number of instructions	8
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP REPEAT N-TIME WHILE IF
Allowed conditions	<has apple=""></has>

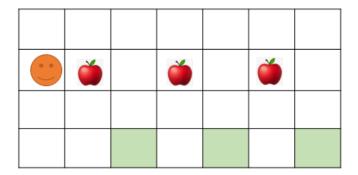


Answer:



EXERCICE 2:

Objective	Bring all apples to their respective green box.
Maximum number of instructions	10
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP REPEAT N-TIME WHILE IF
Allowed conditions	<has apple=""></has>

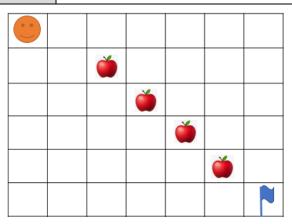


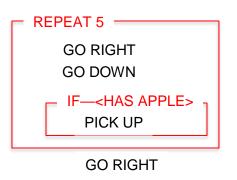
Answer:



EXERCICE 3:

Objective	Pick up all apple and stop at the flag!!
Maximum number of instructions	6
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP IF REPEAT N-TIME WHILE
Allowed conditions	<has apple=""> <has flag=""> <has <b="">NO FLAG></has></has></has>





EXERCICE 4:

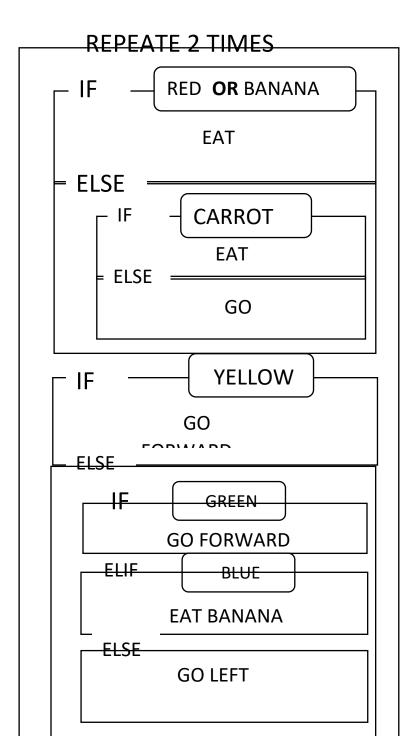
What happen at the end?

- How many carrots Jack eats?
- How many bananas Jack eats?
- Where will be Jack at the end?

answer

- Jack ate 2 cottots.
- Jack didn't ate banana.
- In the end Jack stay in cell number 2.





EXERCICE 5:

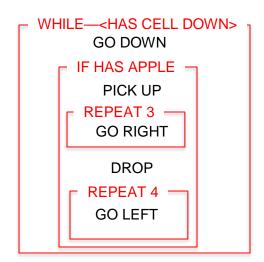
Objective	Bring all apple to green box and stop at the flag!!
	WARNING: you program must work for the 2 cases!!!
Maximum number of instructions	10
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP IF REPEAT N-TIME WHILE
Allowed conditions	<pre><has apple=""> <has cell="" down=""> <has flag=""> <has flag="" no=""></has></has></has></has></pre>

Case 1:

Case 2:

Be careful NOT to pick up the flag

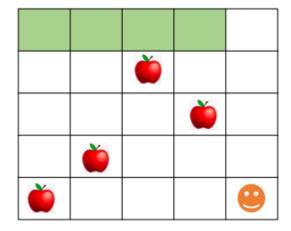
GO RIGHT



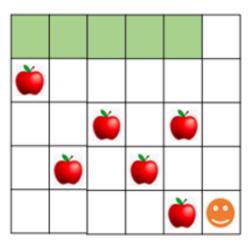
EXERCICE 6:

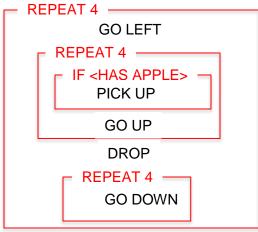
Objective	Take all the apple to green box
	WARNING: you program must work for the 2 cases!!!
Maximum number of instructions	15
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP IF REPEAT N-TIME WHILE
Allowed conditions	
	<has apple=""> <has cell="" on="" right=""> <has cell="" left="" on=""></has></has></has>

Case 1:



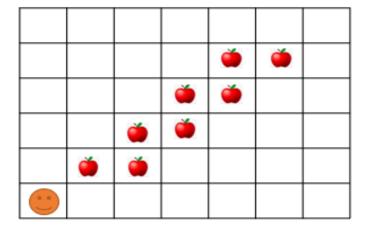
Case 2:





EXERCICE 7:

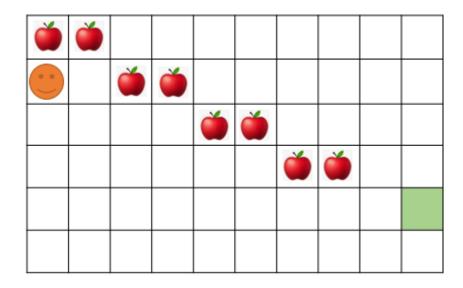
Objective	Take all the apple
Maximum number of instructions	8
Allowed instructions	GO-UP GO-DOWN GO-LEFT GO-RIGHT PICK-UP DROP IF REPEAT N-TIME WHILE

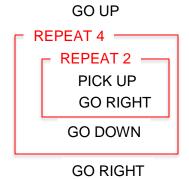


```
REPEAT 5
GO RIGHT
IF <HAS APPLE>
PICK UP
GO UP
IF <HAS APPLE>
PICK UP
```

EXERCICE 8:

Objective	Take all the apple and go to the green cell
Maximum number of instructions	11
Allowed instructions	GO-UP GO-DOWN GO-RIGHT PICK-UP IF REPEAT N-TIME WHILE





EXERCICE 9:

Objective	Bring all apples put in the black cell and go to the green cell. Note: your program must work for the 2 cases!!!
Maximum number of instructions	10
Allowed instructions	GO-UP GO-DOWN DROP GO-RIGHT PICK-UP IF REPEAT N-TIME WHILE
Allowed conditions	1140 APRIE 1140 OFFIL ON BIOLET
	<has apple=""> <has cell="" on="" right=""> <has cell="" left="" on=""> <has cell="" on="" up=""></has></has></has></has>

