# Méthodes de tests (Ordinateur Vs Humain) :

```
testCreerPlateau();
```

```
*** testCreerPlateau()
creerPlateau(4) = {{ , , , },{ , , , },{ , , , },{ , , , }} : OK
creerPlateau(2) = {{ , },{ , }}
: OK
------------------
(program exited with code: 0)
```

```
testPositionX();
```

```
*** testPositionX()
positionX({{ ,o, , },{ , , , },{ , , , },{ , , , }}) = 1 : OK
positionX({{ , , , },{ , , , },{ , , , },{ , ,o, }}) = 2 : OK
positionX({{ , , , },{ , , , },{ , , , },{ , , , }}) = -1 : OK
------------------
(program exited with code: 0)
```

```
testPositionY();
```

```
*** testPositionY()
positionY({{ ,o, , },{ , , , },{ , , , },{ , , , }}) = 0 : OK
positionY({{ , , , },{ , , , },{ , , , },{ , ,o, }}) = 3 : OK
positionY({{ , , , },{ , , , },{ , , , },{ , , , }}) = -1 : OK
------------------
(program exited with code: 0)
```

```
testMaxGauche();
```

```
*** testMaxGauche()
maxGauche({{ , , , },{ , , , },{ , , , },{ , ,o, }},2) = 2 :

3 |  |  | o |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK
maxGauche({{ , , ,o},{ , , , },{ , , , },{ , , , }},3) = 3 :

3 |  |  |  |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  | o |
   0  1  2  3
OK
maxGauche({{ , , , },{ , , , },{ , , , },{o, , , }},0) = 0 :

3 | o |  |  |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK



------------------
(program exited with code: 0)
```

```
testMaxBas();
```

```
*** testMaxBas()
maxBas({{ , , , },{o, , , },{ , , , },{ , , , }},1) = 1 :

3 |  |  |  |  |
2 |  |  |  |  |
1 | o |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK
maxBas({{ , , ,o},{ , , , },{ , , , },{ , , , }},0) = 0 :

3 |  |  |  |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  | o |
   0  1  2  3
OK
maxBas({{ , , , },{ , , , },{ , , , },{o, , , }},3) = 3 :

3 | o |  |  |  |
2 |  |  |  |  |
```

```
1 |  |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK


------------------
(program exited with code: 0)
```

```
testMaxDiagonal();
```

```
*** testMaxDiag()
maxDiagonal({{ , , , },{o, , , },{ , , , },{ , , , }},0,1) = 0 :

3 |  |  |  |  |
2 |  |  |  |  |
1 | o |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK
maxDiagonal({{ , , , },{ , , , },{ , , , },{ , , ,o}},3,3) = 3 :

3 |  |  |  | o |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK
maxDiagonal({{ , , , },{ , , , },{ , , , },{ ,o, , }},1,3) = 1 :

3 |  | o |  |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  |  |
   0  1  2  3
OK


------------------
(program exited with code: 0)
```

```
testEstDans();
```

```
*** testEstDans()
estDans(0,{{0,0},{1,2}}) = true : OK
estDans(4,{{0,0},{1,2},{3,5}}) = false : OK


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(program exited with code: 0)
```

```
testRecherchePositionGagnante();
```

```
*** testRecherchePositionGagnante()
recherchePositionGagnante({{ , , , },{ , , , },{ , , , },{o, , , }}) = {{0,0},{1,2}} : OK
recherchePositionGagnante({{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , }}) = {{0,0},{1,2},{3,5},{4,7}} : OK
recherchePositionGagnante({{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , },{ , , , , , , , , , }}) = {{0,0},{1,2},{3,5},{4,7}} : OK


------------------
(program exited with code: 0)
```

```
testGagnanteGauche();
```

```
*** testGagnanteGauche()
gagnanteGauche({{x, , , ,o},{ , , , , },{ , , , , },{ , , , , },{ , , , , }},4,0) = true : OK
gagnanteGauche({{ , , , , },{ , , , , },{ , , ,o, },{ , , , , },{ , , , , }},3,2) = false : OK
gagnanteGauche({{ , , , , },{ , , , , },{ , , ,o,x},{ , , , , },{ , , , , }},3,2) = false : OK


------------------
(program exited with code: 0)
```

```
testGagnanteBas();
```

```
*** testGagnanteBas()
gagnanteBas({{ , , , ,x},{ , , , , },{ , , , , },{ , , , ,o},{ , , , , }},4,3) = true : OK
gagnanteBas({{ , , , , },{ , , , , },{ , , ,o, },{ , , , , },{ , , , , }},3,2) = false : OK
gagnanteBas({{ , , , , },{ ,x, , , },{ , , ,o, },{ , , , , },{ , , , , }},3,2) = false : OK


------------------
(program exited with code: 0)
```

```
testGagnanteDiag();
```

```
*** testGagnanteDiag()
gagnanteDiag({{ , , , ,x},{ , , , , },{ , , , , },{ , , , ,o},{ , , , , }},4,3) = false : OK
gagnanteDiag({{x, , , , },{ , , , , },{ , , , , },{ , , , , },{ , , , ,o}},4,4) = true : OK
gagnanteDiag({{ ,x, , , },{ , , , , },{ , , ,o, },{ , , , , },{ , , , , }},3,2) = true : OK


------------------
(program exited with code: 0)
```

```
testIdentique();
```

```
*** testIdentique()***
identique({{ , ,x,o},{ , , , }},{{ , ,x, },{ , , ,o}}) = false : OK
identique({{ , ,x,o},{ , , , }},{{ , ,x,o},{ , , , }}) = true : OK
identique({{ , ,x, },{ , , ,o}},{{ , ,x,o},{ , , , }}) = false : OK


------------------
(program exited with code: 0)
```

```
testDeplacementGagnant();
```

```
***testDeplacementGagnant***
estDans({{ , , , },{ ,x,o, },{ , , , },{ , , , }},2,1) = 1 : OK
estDans({{ , ,x, },{ , , , },{ , ,o, },{ , , , }},2,2) = 2 : OK
estDans({{ , , , },{ ,x, , },{ , ,o, },{ , , , }},2,2) = 1 : OK


------------------
(program exited with code: 0)
```

```
testIdentiqueInt();
```

```
***testIdentiqueInt***
identiqueInt({{1,2,3,4},{5,2,3,1}},{{1,2,3,4},{5,2,3,1}}) = true : OK
identiqueInt({{1,2,3,4},{5,2,3,1}},{{1,2,3,0},{1,2,3,0}}) = false : OK
identiqueInt({{1,2,3,4},{5,2,3,1}},{{1,2,3,0},{1,2,3,0}}) = false : OK


------------------
(program exited with code: 0)
```

```
testMouvementBas();
```

```
***mouvementBas***
mouvementBas({{ , , , , },{ , , , , },{ , , , , },{ , , , , },{ , , ,o, }},2,3,4) : Après modif :
{{ , , , , },{ , , , , },{ , , ,o, },{ , , , , },{ , , , , }}
mouvementBas({{ , , , , },{ , , , , },{ , , , , },{ , , , , },{ , , ,o, }},3,3,4) : Après modif :
{{ , , , , },{ , , ,o, },{ , , , , },{ , , , , },{ , , , , }}


------------------
(program exited with code: 0)
```

```
testMouvementGauche();
```

```
***mouvementGauche***
mouvementGauche({{ , , , },{ , , , },{ , , , },{ , , , },{ , , ,o, }},2,3,4) : Après modif :
{{ , , , },{ , , , },{ , , , },{ , , , },{ ,o, , }}
mouvementGauche({{ , , , },{ , , , },{ , , , },{ , , , },{ , , ,o, }},3,3,4) : Après modif :
{{ , , , },{ , , , },{ , , , },{ , , , },{o, , , }}


------------------
(program exited with code: 0)
```

```
testMouvementDiag();
```

```
***mouvementDiag***
mouvementDiag({{ , , , },{ , , , },{ , , , },{ , , , },{ , , ,o, }},2,3,4) : Après modif :
{{ , , , },{ , , , },{ ,o, , },{ , , , },{ , , , }}
mouvementDiag({{ , , , },{ , , , },{ , , , },{ , , , },{ , , ,o, }},3,3,4) : Après modif :
{{ , , , },{o, , , },{ , , , },{ , , , },{ , , , }}


------------------
(program exited with code: 0)
```

```
testPositionDepart();
```

```
*** testPositionDepart()
positionDepart({{ , , , },{ , , , },{ , , , },{ , , , }}) : Après modif :
3 |  | o |  |  |
2 |  |  |  |  |
1 |  |  |  |  |
0 |  |  |  |  |
    0   1   2   3

------------------
(program exited with code: 0)
```

```
testRajoutePositionGagnante();
```

```
***testRajoutePositionGagnante***
rajoutePositionGagnante({{ , , , },{ , , , },{ , , , },{ , , , }},{{0,0},{1,2}}) : Après modifs :
3 |  |  |  |  |
2 |  | x |  |  |
1 |  |  | x |  |
0 | x |  |  |  |
    0   1   2   3
rajoutePositionGagnante({{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },{ , , , , , , , },
{ , , , , , , , }},{{0,0},{1,2},{3,5},{4,7}}) : Après modifs :
7 |  |  |  |  | x |  |  |  |
6 |  |  |  |  |  |  |  |  |
5 |  |  |  | x |  |  |  |  |
4 |  |  |  |  |  |  |  | x |
3 |  |  |  |  |  | x |  |  |
2 |  | x |  |  |  |  |  |  |
1 |  |  | x |  |  |  |  |  |
0 | x |  |  |  |  |  |  |  |
    0   1   2   3   4   5   6   7



------------------
(program exited with code: 0)
```