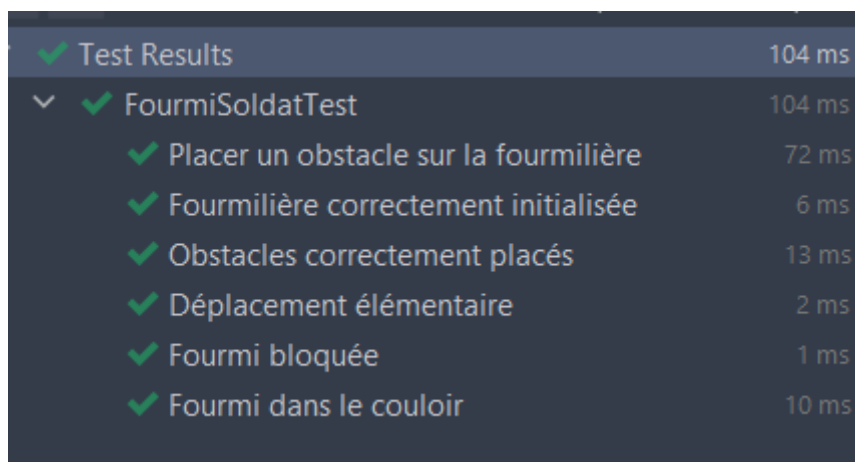
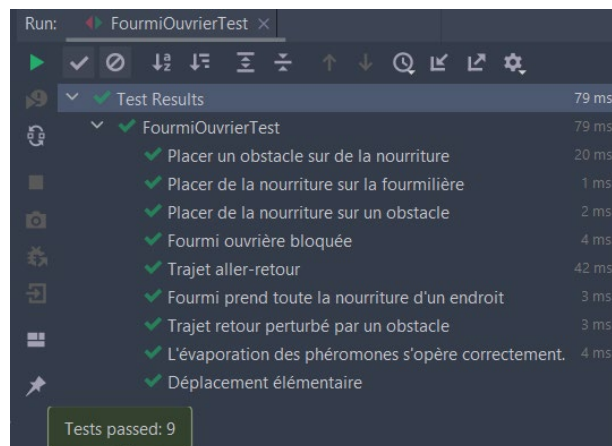
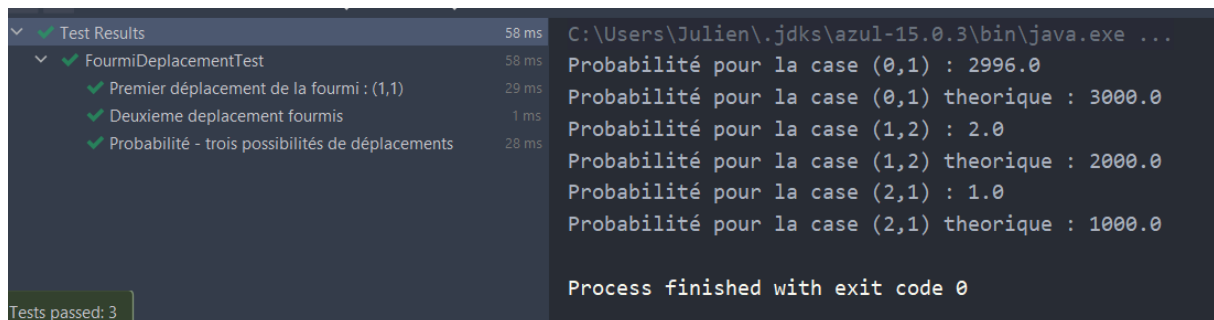
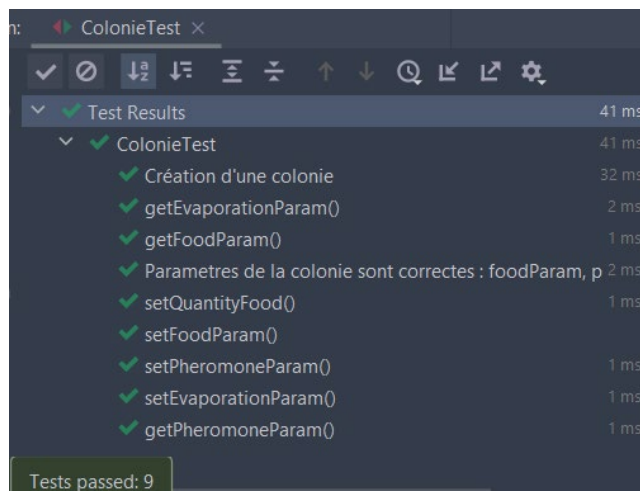


(Test de la V2)

- Scénarios de tests unitaires (cf Moodle)

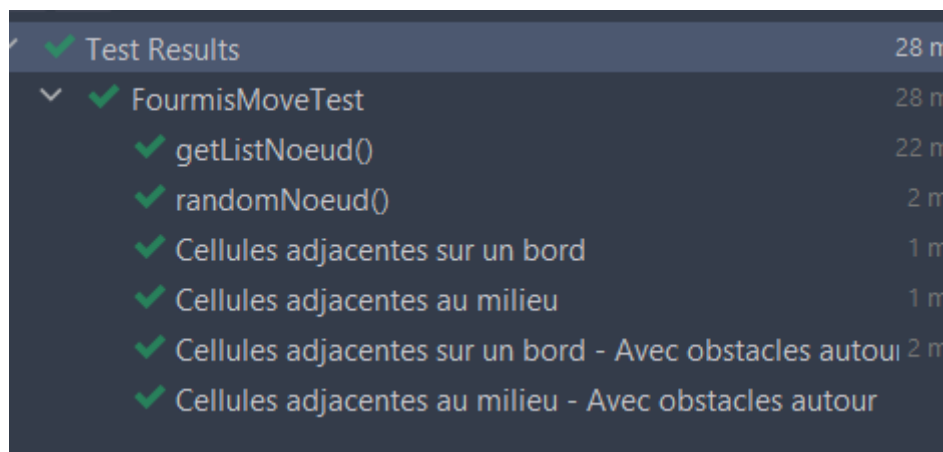


- Test des méthodes de classe

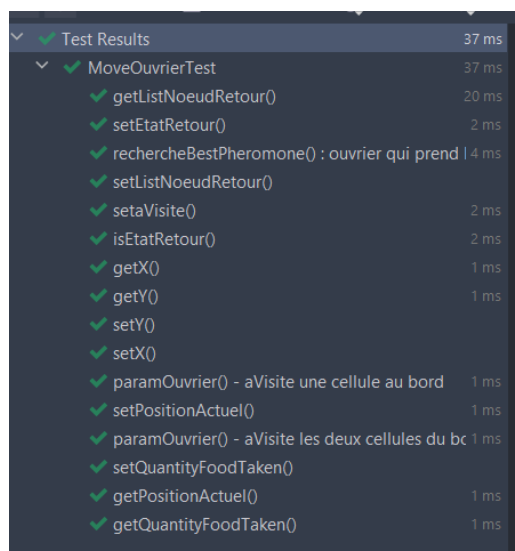


Test Results	41 ms
ColonieTest	41 ms
Création d'une colonie	32 ms
getEvaporationParam()	2 ms
getFoodParam()	1 ms
Parametres de la colonie sont correctes : foodParam, p	2 ms
setQuantityFood()	1 ms
setFoodParam()	1 ms
setPheromoneParam()	1 ms
setEvaporationParam()	1 ms
getPheromoneParam()	1 ms

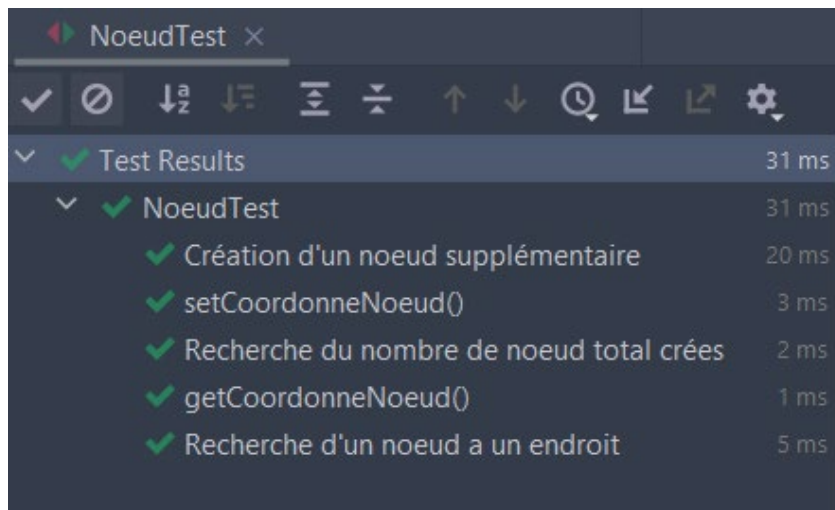
Tests passed: 9



Test Results	28 m
FourmisMoveTest	28 m
getListNoeud()	22 m
randomNoeud()	2 m
Cellules adjacentes sur un bord	1 m
Cellules adjacentes au milieu	1 m
Cellules adjacentes sur un bord - Avec obstacles autour	2 m
Cellules adjacentes au milieu - Avec obstacles autour	2 m

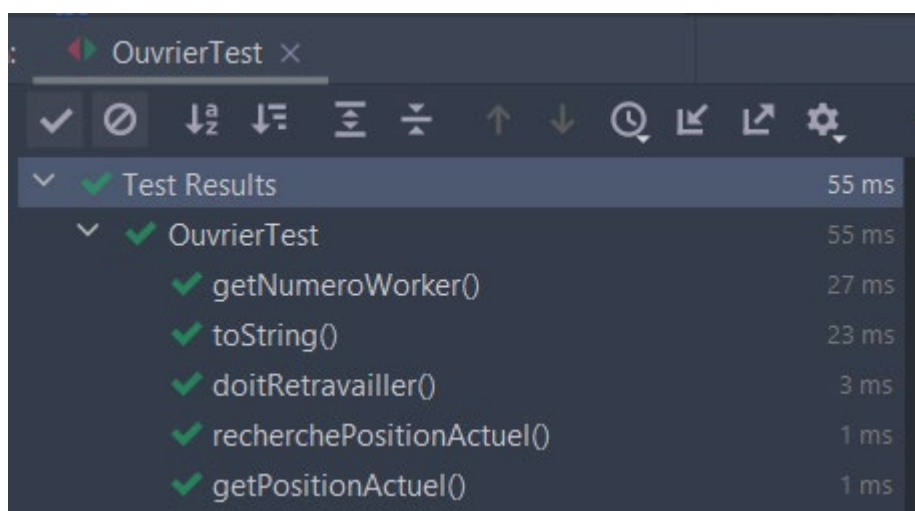


Test Results	37 ms
MoveOuvrierTest	37 ms
getListNoeudRetour()	20 ms
setEtatRetour()	2 ms
rechercheBestPheromone() : ouvrier qui prend l	4 ms
setListNoeudRetour()	2 ms
setaVisite()	2 ms
isEtatRetour()	2 ms
getX()	1 ms
getY()	1 ms
setY()	1 ms
setX()	1 ms
paramOuvrier() - aVisite une cellule au bord	1 ms
setPositionActuel()	1 ms
paramOuvrier() - aVisite les deux cellules du bc	1 ms
setQuantityFoodTaken()	1 ms
getPositionActuel()	1 ms
getQuantityFoodTaken()	1 ms



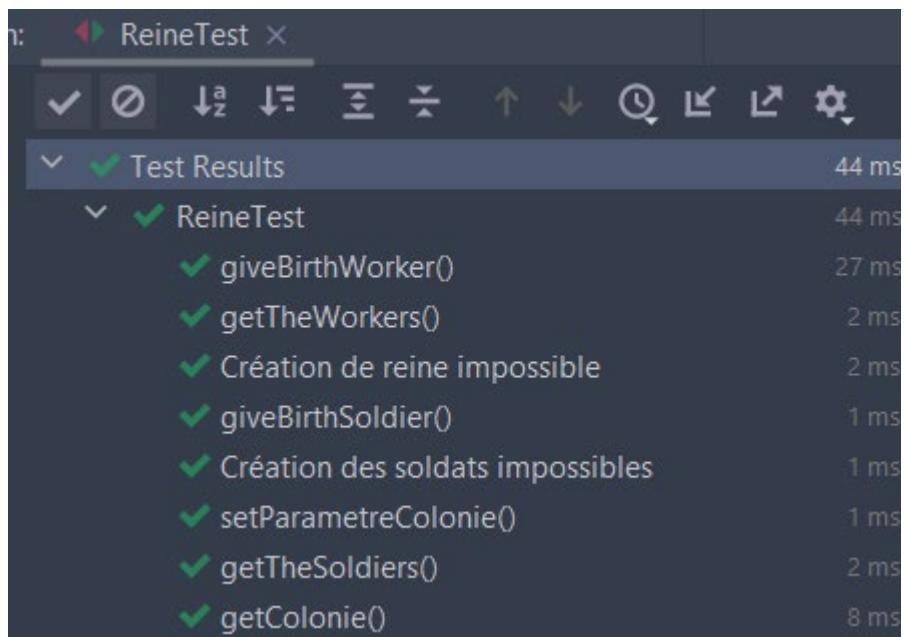
This screenshot shows the Test Results window for the `NoeudTest` class. The window has a toolbar with icons for passing, failing, and sorting tests. The results are organized into a tree structure. The `Test Results` folder is expanded, showing a total execution time of 31 ms. Underneath, the `NoeudTest` class is listed with a total time of 31 ms. It contains six test methods, all of which passed (indicated by green checkmarks).

Test Method	Execution Time
Test Results	31 ms
NoeudTest	31 ms
Création d'un noeud supplémentaire	20 ms
setCoordonneNoeud()	3 ms
Recherche du nombre de noeud total créés	2 ms
getCoordonneNoeud()	1 ms
Recherche d'un noeud a un endroit	5 ms



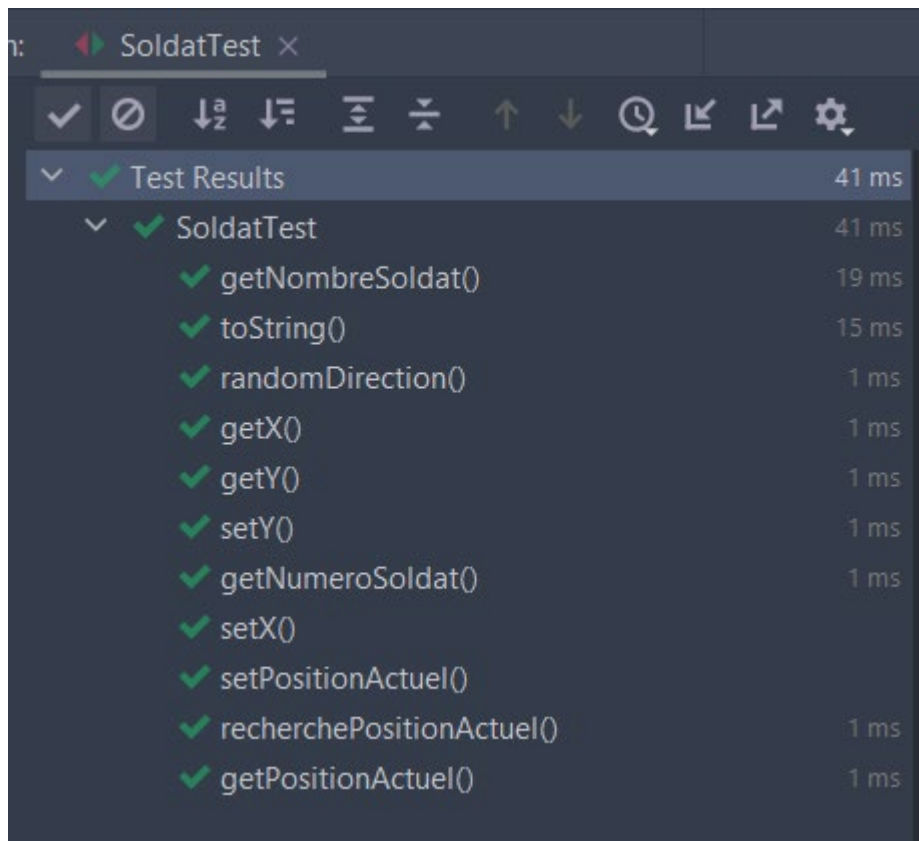
This screenshot shows the Test Results window for the `OuvrierTest` class. The window has a toolbar with icons for passing, failing, and sorting tests. The results are organized into a tree structure. The `Test Results` folder is expanded, showing a total execution time of 55 ms. Underneath, the `OuvrierTest` class is listed with a total time of 55 ms. It contains five test methods, all of which passed (indicated by green checkmarks).

Test Method	Execution Time
Test Results	55 ms
OuvrierTest	55 ms
getNumeroWorker()	27 ms
toString()	23 ms
doitRetravailler()	3 ms
recherchePositionActuel()	1 ms
getPositionActuel()	1 ms



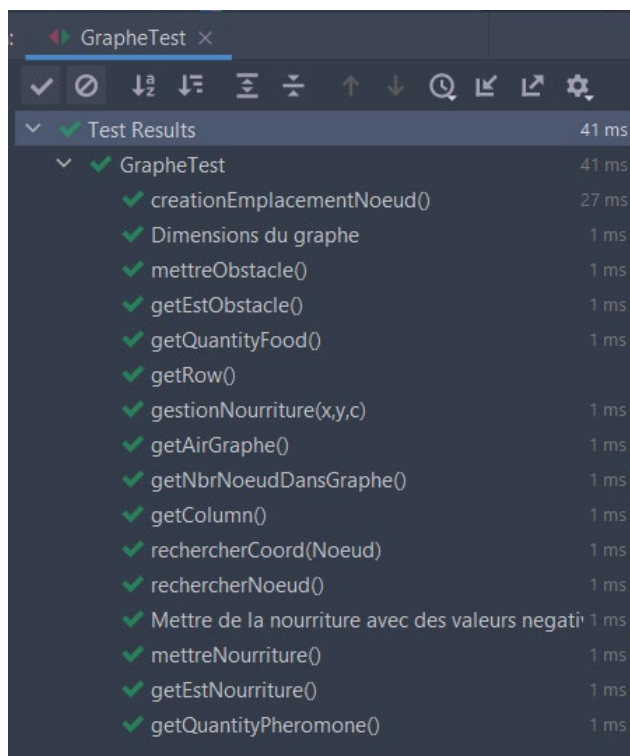
This screenshot shows the Test Results window for the `ReineTest` class. The window has a toolbar with icons for passing, failing, and sorting tests. The results are organized into a tree structure. The `Test Results` folder is expanded, showing a total execution time of 44 ms. Underneath, the `ReineTest` class is listed with a total time of 44 ms. It contains eight test methods, all of which passed (indicated by green checkmarks).

Test Method	Execution Time
Test Results	44 ms
ReineTest	44 ms
giveBirthWorker()	27 ms
getTheWorkers()	2 ms
Création de reine impossible	2 ms
giveBirthSoldier()	1 ms
Création des soldats impossibles	1 ms
setParametreColonie()	1 ms
getTheSoldiers()	2 ms
getColonie()	8 ms



This screenshot shows the Test Results window in IntelliJ IDEA for the `SoldatTest` class. The window has a toolbar with icons for passing, failing, and running tests, as well as search and zoom functions. The test results are listed in a tree view, showing the overall test status and the execution time for each method.

Test Results	41 ms
✓ SoldatTest	41 ms
✓ getNombreSoldat()	19 ms
✓ toString()	15 ms
✓ randomDirection()	1 ms
✓ getX()	1 ms
✓ getY()	1 ms
✓ setY()	1 ms
✓ getNumeroSoldat()	1 ms
✓ setX()	1 ms
✓ setPositionActuel()	1 ms
✓ recherchePositionActuel()	1 ms
✓ getPositionActuel()	1 ms



This screenshot shows the Test Results window in IntelliJ IDEA for the `GrapheTest` class. The window has a toolbar with icons for passing, failing, and running tests, as well as search and zoom functions. The test results are listed in a tree view, showing the overall test status and the execution time for each method.

Test Results	41 ms
✓ GrapheTest	41 ms
✓ creationEmplacementNoeud()	27 ms
✓ Dimensions du graphe	1 ms
✓ mettreObstacle()	1 ms
✓ getEstObstacle()	1 ms
✓ getQuantityFood()	1 ms
✓ getRow()	1 ms
✓ gestionNourriture(x,y,c)	1 ms
✓ getAirGraphe()	1 ms
✓ getNbrNoeudDansGraphe()	1 ms
✓ getColumn()	1 ms
✓ rechercherCoord(Noeud)	1 ms
✓ rechercherNoeud()	1 ms
✓ Mettre de la nourriture avec des valeurs negati	1 ms
✓ mettreNourriture()	1 ms
✓ getEstNourriture()	1 ms
✓ getQuantityPheromone()	1 ms