

## 4 Tests unitaire :

**[TestMethod]**

✖ | 0 références

```
public void TestMoveShip()
{
    byte X = 1;
    byte Y = 1;
    SpaceShip Ship = new SpaceShip();
    Ship.location(X, Y);
    switch (Console.ReadKey().Key)
    {
        case ConsoleKey.RightArrow:
            Ship.location(X++, Y);
            break;
    }
    Assert.AreEqual(X++, ConsoleKey.UpArrow);
}
```

**[TestMethod]**

💡 | 0 références

```
public void TestShoot()
{
    bool spaceBar = false;
    switch (Console.ReadKey().Key)
    {
        case ConsoleKey.Spacebar:
            Shoot shoot = new Shoot();
            spaceBar = true;
            break;
    }
    Assert.AreEqual(true, spaceBar);
}
```

```
[TestMethod]
```

✓ | 0 références

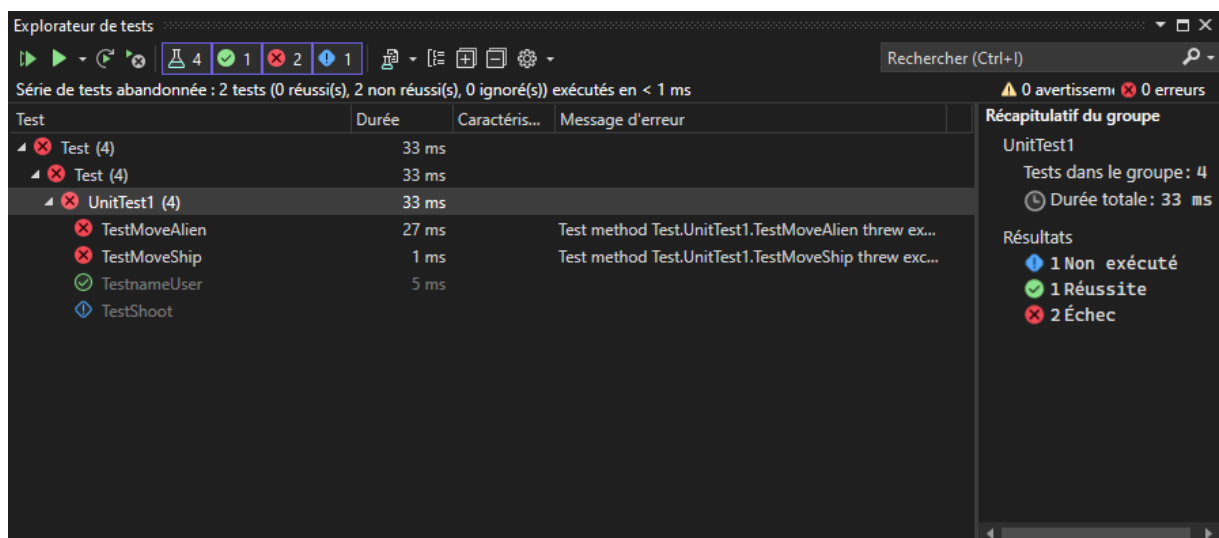
```
public void TestnameUser()
{
    User user = new User();
    user.Name = "Julien";
    Assert.AreEqual("Julien", user.Name);
}
```

```
[TestMethod]
```

✗ | 0 références

```
public void TestMoveAlien()
{
    byte X = 10;
    byte Y = 10;
    Alien alien = new Alien();
    alien.location(X, Y);
    for(int i = 0; i < 5; i++)
    {
        alien.location(X--, Y);
    }
    Assert.AreEqual(X--, Y);
}
```

Rapport de tests unitaire :



The screenshot shows the Visual Studio Test Explorer window. The top bar indicates 4 tests, 1 passed, 2 failed, and 1 skipped. The main table lists the tests and their results:

| Test          | Durée | Caractéris... | Message d'erreur                                     |
|---------------|-------|---------------|--|
| Test (4)      | 33 ms |               |  |
| Test (4)      | 33 ms |               |  |
| UnitTest1 (4) | 33 ms |               |  |
| TestMoveAlien | 27 ms |               | Test method Test.UnitTest1.TestMoveAlien threw ex... |
| TestMoveShip  | 1 ms  |               | Test method Test.UnitTest1.TestMoveShip threw exc... |
| TestnameUser  | 5 ms  |               |  |
| TestShoot     |       |               |  |

On the right side, the 'Résumé du groupe' (Group Summary) for 'UnitTest1' is shown:

- Tests dans le groupe: 4
- Durée totale: 33 ms
- Résultats:
  - 1 Non exécuté
  - 1 Réussite
  - 2 Échec