

# 10 best programming games to test and develop your coding skills

Programming games not only help you relieve stress, bring joy, but also learn and master a lot of information thanks to exercises and experiences. This article introduces you to 10 best programming games to improve your coding skills.

Fun programming when you are confident and know what you are doing, but getting the programming skills is not an easy task. That's why, besides classes and lectures, tutorials, you should take the time to play programming games. These games not only help you relieve stress, bring joy but also learn and master a lot of information thanks to the exercises and experiences. This article introduces you to 10 best programming games to improve your coding skills.

## The best programming games to test and develop your coding skills

1. Free programming games
  1. Robocode
  2. Codingame
  3. Codecombat
  4. Codewars
  5. Codehunt
  6. Vim Adventures
2. Paid programming games
  7. TIS-100
  8. Shenzhen I / O
  9. Human Resource Machine
  10. Screeps

## Free programming games

Here are 6 completely free programming games, you can download it and play without losing a dime.

### 1. Robocode



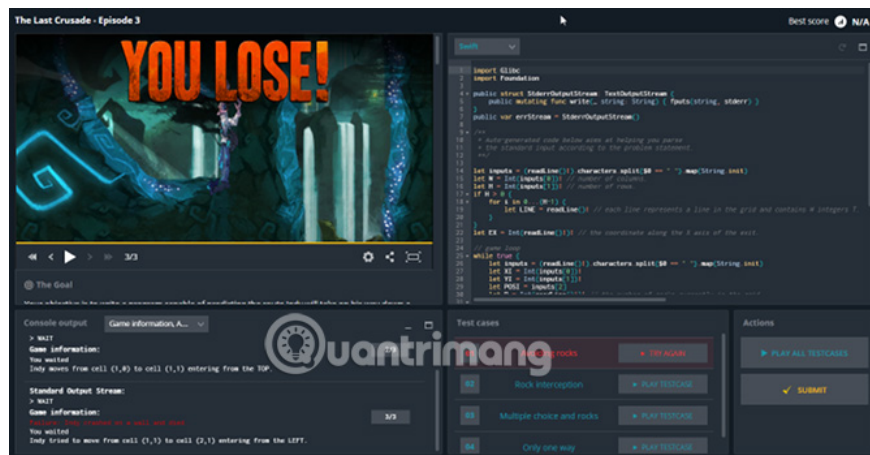
Robocode is a complex programming game, you have to write code to battle robot tanks together. Your job is to write artificial intelligence to help your robot win using real languages ??like Java, Scala, C # and some other languages.

1. These programming languages ??for the best mobile application development

The Robocode installer comes with a built-in development environment, built-in robot editor and Java compiler. With this game, you are actually writing real code. Although released since 2000, Robocode is still updated and maintained regularly, it is open source and extremely addictive.

**Download :** Robocode

## 2. Codingame



Codingame is a game like game, you have to solve puzzles and challenges by writing real code. This application supports more than 25 programming languages ??like Java, C #, Python, JavaScript, Lua, Go, Rust and many other languages. Each puzzle / challenge has a theme (for example, programming a turret to shoot down a spaceship that is too close), creating an attraction for the game.

**Download :** Codingame

### 3. Codecombat



Codecombat is another web application, designed with puzzles and challenges like games and can only be solved by writing code. However, while Codingame is more entertaining, Codecombat has an important educational idea with "Classroom Edition", teachers can use to help their students learn to write code.

**Download** : Codecombat

### 4. Codewars



Codewars is not like a game because it is a way to practice code and solve algorithmic challenges. When you complete the puzzles you will get the corresponding score and this point value is determined by the level of effectiveness of your solution. Codewars allows you to see other people's solutions that can be researched and learned. This can be one of the best ways to learn a new programming language.

**Download** : Codewars

### 5. Codehunt



Codehunt is a game that can be played using Java or C # programming language. It is designed to teach you the basic principles of any language you choose, start with training, move through topics like Loops and Strings, and end up with challenges like Sorting, Cyphers and Puzzles. The interesting thing about Codehunt is that it doesn't tell you how to win at every challenge, you have to find out for yourself, and this is also an interesting part of the game.

**Download :** Codehunt

## 6. Vim Adventures



Vim Adventures is a fun game-like tutorial to learn how to use Vim, the extraordinary but extremely powerful text editor that many programming professionals like to use. It has a lot of things to learn, that's why these tutorials exist. So even though Vim is not a programming language, it can help you become a more efficient coder.

**Download :** Vim Adventures

## Paid programming games

If these free programming games are not fully functional and effective as you want, you can consider the following paid games:

## 7. TIS-100

**Download** : TIS-100 (7 USD)

## 8. Shenzhen I / O

**Download** : Shenzhen I / O (USD 15)

## 9. Human Resource Machine

**Download** : Human Resource Machine (10 USD)

## 10. Screeps

**Download** : Screeps (15 USD, optional registration for 9 USD / month)

Are you looking for more ways to improve your programming skills? You should try one of these programming games and listen to some podcasts for coder and developers. However, if you've done everything and still have difficulties and can't grasp the basics of programming, you should consider whether programming is right for you.

See more:

1. Beginners of computer programming need to focus on what?
2. 13 basic programming channels in Vietnamese that every young person can learn
3. Should we learn many programming languages ??or just one?

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