 1.coding games（五星） <https://www.codingame.com/start>

1.2 编程一小时：<https://code.org/learn>

1.3 12款初学者的编程游戏：<https://www.freecodecamp.org/news/12-free-coding-games-to-learn-programming-for-beginners/>

2.code combat（四星） ：<https://codecombat.com/>

2.2 browse online game：<https://www.education.com/games/coding/>

3.vin adventures（四星）

4.Code Monkey ：<https://www.codemonkey.com/>

9.Codewars

10. Rosetta\_Code <http://rosettacode.org/wiki/Rosetta_Code>

11Git-Game

12Code Hunt

13 ahcker. org

14 Fight Code

15 Human Resoure