

```
1 using DragonBallGame.CharacterClass;
2
3 namespace DragonBallGame
4 {
5     public class VillainAI
6     {
7         private IVillainStrategy _strategy;
8
9         public VillainAI()
10        {
11            _strategy = new DefaultVillainStrategy();
12        }
13
14        public VillainAction Action(Character villain, Character player)
15        {
16            SetStrategy(villain, player);
17            return _strategy.ChooseAction(villain, player);
18        }
19
20        private void SetStrategy(Character villain, Character player)
21        {
22            int powerDifference = player.Power - villain.Power;
23
24            if (Math.Abs(powerDifference) <= 200)
25            {
26                _strategy = new DefaultVillainStrategy();
27            }
28            else if (powerDifference >= 200)
29            {
30                _strategy = new DefensiveVillainStrategy();
31            }
32            else
33            {
34                _strategy = new AggressiveVillainStrategy();
35            }
36        }
37    }
38
39
40    public enum VillainAction
41    {
42        Block,
43        Attack
44    }
45 }
```