

```
1 package me.jamiepeterson.al4retirement;
2
3
4 public class Retirement {
5
6     private int amount;
7
8     //principle, addition, years, rate
9     public Retirement(float p, float a, float n, float r){
10
11         //Convert rate
12         r =(float) (r/100.0);
13         //Calculate
14         amount = (int) (((p+(a/r))*((float)Math.pow((1.0+r),(double)n))-(a/r)));
15     }
16
17     public int getAmount() {
18         return amount;
19     }
20 }
21
```