

```
1 /**
2  @author GR Drevin
3  @version 20240403
4  */
5  public abstract class Account implements Interest
6  {
7      private String accountNumber;
8      private int balance;
9
10     public Account()
11     {
12         this("0000000000",0);
13     }
14
15     public Account(String accountNumber, int balance)
16     {
17         setAccountNumber(accountNumber);
18         setBalance(balance);
19     }
20
21     public void setAccountNumber(String accountNumber)
22     {
23         this.accountNumber = accountNumber;
24     }
25
26     public void setBalance(int balance)
27     {
28         this.balance = balance;
29     }
30
31     public String getAccountNumber()
32     {
33         return accountNumber;
34     }
35
36     public int getBalance()
37     {
38         return balance;
39     }
40
41     public String toString()
42     {
43         return "Account no: "+getAccountNumber()+" has balance of "+getBalance();
44     }
45 }
```