

```
1  int WithdrawBalance (
2      int start , vector < int > withdrawals ) {
3      int end = accumulate ( withdrawals . begin ( ) ,
4          withdrawals . end ( ) ,
5          start ,
6          [ ] ( int balance , int next_withdrawal ) {
7              return next_withdrawal <= balance ?
8                  balance - next_withdrawal :
9                  balance ;
10         } ) ;
11     return end ; }
```