

1. start
2. read balance
3. Enter value
4. If value  $\leq 0$ 
  - 4.1. print withdraw
  - 4.2. if balance  $\leq (-\text{value})$
  - 4.3. print error
  - 4.4. else, balance = balance + value
  - 4.5. print balance
5. If value  $> 0$ 
  - 5.1. print deposit
  - 5.2. balance = balance + value
  - 5.3. print balance
6. End