

```
1  /// Week 5 special: Simple ATM
2  #include <stdio.h>
3
4  int main() {
5      int x;
6      scanf("%d", &x);
7
8      /// Calculate # of B1000 bank notes
9      printf("1000 => %d\n", x / 1000);
10
11     x = x % 1000;    /// Get the last 3 digits
12     printf(" 100 => %d\n", x / 100); /// Calculate # of B100 bank notes
13
14     x = x % 100;    /// Get the last 2 digits
15     printf("   10 => %d\n", x / 10); /// Calculate # of B10 coins
16
17     /// The last digit is the number of B1 coins
18     printf("    1 => %d\n", x % 10);
19
20     return 0;
21 }
```