Problem 1

```
zhengyix@andromeda-37:~/hw/hw2

zhengyix@andromeda-37 19:32:37 ~/hw/hw2
$ dir
Coins.h   coins_main.cpp   coins_menu.cpp   simple_main.cpp
zhengyix@andromeda-37 19:33:08 ~/hw/hw2
$ g++ Coins.h simple_main.cpp
zhengyix@andromeda-37 19:33:28 ~/hw/hw2
$ a.out
I started with 100 quarters, 10 dimes, 10 nickels, 100 pennies in my pocket
I bought a candy bar for 482 cents using 19 quarters, 0 dimes, 1 nickels, 2 pennies
I have 81 quarters, 10 dimes, 9 nickels, 98 pennies left in my pocket
zhengyix@andromeda-37 19:33:32 ~/hw/hw2
$
```

Problem 2

```
zhengyix@andromeda-37:~/hw/hw2

zhengyix@andromeda-37 19:34:35 ~/hw/hw2
$ g++ Coins.h coins_main.cpp
zhengyix@andromeda-37 19:34:48 ~/hw/hw2
$ a.out
I started with 3 quarters, 2 dimes, 5 nickels, 5 pennies in my pocket
I bought a candy bar for 68 cents using 2 quarters, 1 dimes, 1 nickels, 3 pennies
I have 3 quarters, 2 dimes, 5 nickels, 5 pennies left in my pocket
I deposit $2.05 from piggyBank42 quarters, 50 dimes, 49 nickels, 50 penniesto pocket
I have 11 quarters, 2 dimes, 6 nickels, 5 pennies left in my pocket
find loose charge form sofa0 quarters, 0 dimes, 0 nickels, 0 penniesdeposit it in my piggyBank 52 quarters, 60 dimes, 59
 nickels, 60 pennies
Current deposit: $22.55
zhengyix@andromeda-37 19:34:50 ~/hw/hw2
$
```

Problem 3

```
zhengyix@woodhouse 20:08:20 ~/hw/hw2
$ g++ Coins.h coins_menu.cpp
zhengyix@woodhouse 20:08:32 ~/hw/hw2
$ a.out
1 deposit
2 extract
3 print
1
input quarters:3
input dimes:3
input nickels:3
input pennies:3
deposit coins: 3 quarters, 3 dimes, 3 nickels, 3 pennies
2
input quarters:1
input dimes:1
input nickels:1
input pennies:1
Extract coins: 1 quarters, 1 dimes, 1 nickels, 1 pennies
3
2 quarters, 2 dimes, 2 nickels, 2 pennies0
Thanks for using!
zhengyix@woodhouse 20:08:53 ~/hw/hw2
$
```