

ITC LAB #07 Section B

LAB TASK

1. Write a program that computes the net amount of a bank account based a transaction log from console input.

Your program should ask the user to press D for Deposit or W for Withdraw or Q to quit and see the net amount

OUTPUT:

```
Press D for Deposit, W for withdraw or Q for quit: D
D =300
Press D for Deposit, W for withdraw or Q for quit: D
D =300
Press D for Deposit, W for withdraw or Q for quit: W
W =200
Press D for Deposit, W for withdraw or Q for quit: D
D= 100
Press D for Deposit, W for withdraw or Q for quit: Q
Net Amount =500
```

2. Write a function that takes a real number and check whether an n-digit integer is an Armstrong number or not.

- a. **You should ask user to enter a number**
- b. **Give choice to user whether you want to try again or not**

In case of an Armstrong number of 3 digits, the sum of cubes of each digits is equal to the number itself. For example:

```
153 = 1*1*1 + 5*5*5 + 3*3*3    // 153 is an Armstrong number.
163 !=1*1*1 + 6*6*6 +3*3*3    // 163 is Not an Armstrong Number.
```

OUTPUT

```
Enter Number123
123 != 36
sorry
Continue(Y/N)?Y
Enter Number153
153 = 153
correct
Continue(Y/N)?N
```