Easy:

- Write a Java program to print the result of the following operations.

  Test Data:
  a. -5 + 8 * 6
  b. (55+9) % 9
  c. 20 + -3*5 / 8
  d. 5 + 15 / 3 * 2 - 8 % 3

  Expected Output:
  43
  1
  19
  13

Intermediate:

- Create a program that will accept a Username and a Password

  The default username is: 1230
  The default password is: 456789

  Upon log-in, the output will be based on the condition that has been set (use the following method :)

  - If the username is correct and the password is incorrect the output will be: "Password is Incorrect"
  - If the username is incorrect and the password is correct the output will be: "Username is Incorrect"
  - If the username is incorrect and the password is incorrect the output will be: "Login Failed!"
  - If the username is correct and the password is correct the output will be: "Login Successful!"

Hard:

- Create a program that will process a basic transaction of an ATM. The program must have a withdrawal, deposit, and checking of balance. The default PIN is "123456", the default cash on account is: 1000. One transaction per execution of program to test. The program must test if the PIN is correct, it also check if the amount to withdraw is less than or equal to the current cash on account. You can create your own message per test cases like: "Insufficient Fund", "Incorrect PIN" etc.

  Sample Output for Withdraw:

  Enter PIN: 123456

Please choose transaction:
[W] – Withdraw
[D] – Deposit
[C] – Check balance
Enter here: W

How much would you like to withdraw: 500

Your remaining balance is: 500
You'll get 500 pesos.
Thank you for banking with us!

---------------------------- End of program --------------------------

Sample Output for Deposit:

Enter PIN: 123456

Please choose transaction:
[W] – Withdraw
[D] – Deposit
[C] – Check balance
Enter here: D

How much would you like to deposit: 500

Your remaining balance is: 1500
Thank you for banking with us!

---------------------------- End of program --------------------------

Sample Output for Check balance:

Enter PIN: 123456

Please choose transaction:
[W] – Withdraw
[D] – Deposit
[C] – Check balance
Enter here: C

Your remaining balance is: 1000
Thank you for banking with us!

-------------------------- End of program ----------------------------