1. Write a java program to implement the following pseudocode:

    DO
            GET age of person
            IF age of person is over 18
                    ADD 10 to total price
            ElSE IF person is under 18
                    ADD 5 to total price
    WHILE there is another person in the group

    DISPLAY total price

2. Write a program using nested for loops to print the following pattern:
    ```
    *  *  *  *  *
    *  *  *  *  *
    *  *  *  *  *
    *  *  *  *  *
    ```

3. Write a program that will repeatedly ask the user to enter the number of
    stars they wish to see on screen. The program will continue to do this until
    the user enters 0.

    ```
    How many stars do you wish to see?   4
    ****
    How many stars do you wish to see?   9
    *********
    How many stars do you wish to see?   0
    ```

4. Write a program that reads an integer from the keyboard and displays its
    value as a square using the * character.   For example, and input of 3 will
    display:

    ```
    *  *  *
    *  *  *
    *  *  *
    ```

5. Write a program which will continually offer the user the choice to deposit,
    withdraw or view the balance on his/her account. The initial balance should
    be 0.00.

    If the user chooses to deposit money, the program will prompt for an amount
    to deposit. This amount will be added to the balance.
    If the user chooses to withdraw money, the program will prompt for an
    amount to withdraw. If the user has enough in the account, the balance
    should be reduced accordingly, otherwise the user should be informed that
    there are insufficient funds in the account

    Any other option should cause error message to be displayed.
    The program should end by advising the user of the current balance,
    displaying the number of deposits made and the number of withdrawals made.