

Assignment 3

Loops

Ex1:

Write java program that reads a number of students and then let the user enter their names and ages and count them. The program should check if the age of the student is below 20 years old, otherwise, the student will not be counted.

Your program should display the total number of students under the age of 20.

Sample run:

```
Enter the number of students: 25
Enter the student's name: Khaled Ali
Enter the student's age: 23
...
...
Total number of students under age 20:
```

Ex2:

Write a Java program that reads an unlimited number of items and their prices until the user enters "Exit", after that the program should print out the total bill.

Sample run:

```
Enter item: pen 5
Enter item: book 26
..
..
Enter item: Exit
Total bill:
```

Ex3:

Write a Java program that reads 10 integers and then displays the maximum, minimum, and average numbers.

Sample run:

```
Please input 10 integers: 10 20 30 40 50 -10 -20 -30 -40 -50
Max: 50
Min: -50
Average: 0.0
```