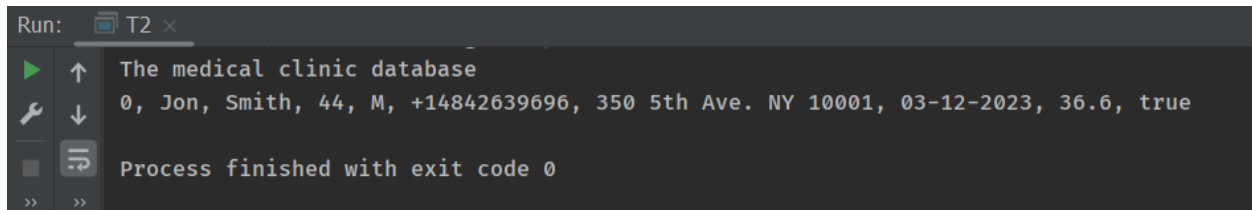# Java 17 for beginners
by TPC

Set of tasks 1

1. Write a program that greets you by name or nickname and wishes you a nice day. Create and use variables for name/nickname, and wish.

2. Create a simple record in the medical clinic database. The record should contain the following data: patient ID, name, surname, age, gender, telephone number, address, registration date, temperature, and smoking status. Then display the data on the console. Remember to assign appropriate types and correct initialization.

Example console output:

```
Run:        T2 ×
  ▶  ↑    The medical clinic database
  🔧 ↓    0, Jon, Smith, 44, M, +14842639696, 350 5th Ave. NY 10001, 03-12-2023, 36.6, true

  ■  ↪    Process finished with exit code 0
  »  »
```

3. Write a program that converts text written in lowercase letters into text written in uppercase letters. Then display the original text and then the transformed one.

4. You work as a programmer for a company that translates documents written in English into Italian. The company bills for its services based on the number of characters in the original document. Write a program that will count the number of characters in the given text. Note: spaces are not counted as characters for translation. For test purposes, use https://www.randomtextgenerator.com/.

5. Recall the lesson about naming conventions and good practices, and then correct the programs you have written so far according to its tips. Be patient and wonder how you can improve your code.

6. If you have not used comments to put the task description over the code yet, JUST DO IT, so you will not forget what the task was about. Try to use any kind of comment to get familiar with them.