

Міністерство освіти і науки України
Національний університет «Львівська політехніка»



Лабораторна робота №10
з курсу:
“ОБ’ЄКТНО ОРІЄНТОВАНЕ ПРОГРАМУВАННЯ”

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Львів – 2018 р.

Лабораторна робота № 10

Варіант №11

Завдання: Поліцейська картотека. Дані про злочинця: П.І.Б.; дата народження; дати судимостей (кількість не обмежена); дата останнього позбавлення волі; дата останнього звільнення.

Виконання роботи

GitHub link - <https://github.com/iIINO>

The screenshot shows the GitHub profile of user iIINO. The profile includes a bio, a link to add a bio, and an edit profile button. The user has 1 repository, 0 stars, 0 followers, and is following 0 users. The 'Popular repositories' section shows a repository named 'OOP_JAVA' by IgorShevchukOOPLabs, which is a Java project. The '13 contributions in the last year' section shows a calendar grid with 13 contributions in March 2018. The 'Contribution activity' section shows a timeline of contributions starting from March 2018.

GitHub profile page for user iIINO. The profile includes a bio, a link to add a bio, and an edit profile button. The user has 1 repository, 0 stars, 0 followers, and is following 0 users. The 'Popular repositories' section shows a repository named 'OOP_JAVA' by IgorShevchukOOPLabs, which is a Java project. The '13 contributions in the last year' section shows a calendar grid with 13 contributions in March 2018. The 'Contribution activity' section shows a timeline of contributions starting from March 2018.

```

package com.company;

import java.io.File;
import java.io.FileNotFoundException;
import java.util.Scanner;
import java.io.*;

public class Main {
    public static void main(String[] args) throws FileNotFoundException {
        System.out.println("Hello, here you can see list of criminals:");
        System.out.println("You have to enter a number;");
        System.out.println("1 - Write data into file;");
        System.out.println("2 - Read data from file");
        System.out.print("Enter a number, please: ");
        Scanner in = new Scanner(System.in);
        int number = in.nextInt();
        if (number == 1) {
            Scanner name = new Scanner(System.in);
            System.out.print("Enter a name: ");
            String name_text = name.nextLine();

            Scanner surname = new Scanner(System.in);
            System.out.print("Enter a surname: ");
            String surname_text = surname.nextLine();

            Scanner gender = new Scanner(System.in);
            System.out.print("Gender: ");
            String gender_text = gender.nextLine();

            Scanner times = new Scanner(System.in);
            System.out.print("Amount of beings in prison: ");
            int timesInPrison = times.nextInt();

            Scanner lastIn = new Scanner(System.in);
            System.out.print("Last arrest date: ");
            String lastArrest = lastIn.nextLine();

            Scanner lastOut = new Scanner(System.in);
            System.out.print("Last escape date: ");
            String lastEscape = lastOut.nextLine();

            System.out.println("Criminal`s name - " + name_text);
            System.out.println("Criminal`s surname - " + surname_text);
            System.out.println("Criminal`s gender - " + gender);
            System.out.println("Times in prison - " + timesInPrison);
            System.out.println("Last arrest date - " + lastArrest);
            System.out.println("Last escape date - " + lastEscape);
            File myFile = new
File("C:\\Users\\Igor\\IdeaProjects\\Lab10OOP\\Prison.txt");
            try {
                PrintWriter writer = new PrintWriter(new BufferedWriter(new
FileWriter(myFile, true)));
                writer.println("Name - " + name_text);
                writer.println("Surname - " + surname_text);
                writer.println("Times in prison - " + timesInPrison);
                writer.println("Last arest date - " + lastArrest);
                writer.println("Last escape date - " + lastEscape);
                writer.println("-----");
                writer.flush();
                writer.close();
            } catch (IOException ex) {
                ex.printStackTrace();
            }
        }
    }
}

```

```

    }
} else if (number == 2) {
    File file = new
File("C:\\Users\\Igor\\IdeaProjects\\Lab10OOP\\Prison.txt");

    Scanner scanner = new Scanner(file);
    while (scanner.hasNextLine()) {
        System.out.println(scanner.nextLine());
    }
    scanner.close();
} else {
    System.out.println("Number does not match. Program ends.");
}
}
}

```

Висновок: на цій лабораторній роботі я створив програму, яка у тексті слова заданої довжини замінює зазначеним рядком.