

Міністерство освіти, науки, молоді та спорту України  
Національний університет «Львівська політехніка»

Кафедра СШ

## Лабораторна робота №10

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```

import
java.io.Serializable;

import java.util.*;
class Name implements
Serializable{
    public String name;
    Name(String name){
        this.name = name;
    }
    public void setName(String
name){
        this.name = name;
    }
    public String getName(){
        return name;
    }
}
class Adress implements
Serializable{
    public String address;
    Adress(String address){
        this.address = address;
    }
    public void setAddress(String
address){
        this.address = address;
    }
    public String getAddress(){
        return address;
    }
}
class Number implements
Serializable{
    public ArrayList<Integer>
numbers;
    Number(int number){
        this.numbers = new
ArrayList<>();
        numbers.add(number);
    }
    public void addNumbers(int
newNumber){
        numbers.add(newNumber);
    }
    public ArrayList getNumbers(){
        return numbers;
    }
}

```

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        @Override
        public String toString(){
            return numbers.toString();
        }
    }
}

class Specialization implements
Serializable{
    public String specialization;
    Specialization(String
specialization){
        this.specialization =
specialization;
    }
    public void
setSpecialization(String
specialization){
        this.specialization =
specialization;
    }
    public String
getSpecialization(){
        return specialization;
    }
}

class Schedule implements
Serializable{
    public HashMap<String,String>
schedule;
    Schedule(String day, String
time){
        this.schedule = new
HashMap<>();
        schedule.put(day,time);
    }
    public void
addNewWorkingDay(String day,
String time){
        schedule.put(day,time);
    }
    public void setSchedule(String
day, String time){
        schedule.replace(day,time);
    }
    public void ShowSchedule(){
        for(Map.Entry<String,
String> x : schedule.entrySet()){

```

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        System.out.println(x.getKey() + "
" + x.getValue());
    }
}

    public HashMap<String,
String> getSchedule() {
        return schedule;
    }

    @Override
    public String toString(){
        return
schedule.toString();
    }
}

```

```

class TradePoint implements
Serializable {
    Name name;
    Adress adress;
    Specialization specialization;
    Number number;
    Schedule schedule;
    public TradePoint( String
name1, String adress1, int
number1, String specialization1,
String day, String time){
        this.name = new
Name(name1);
        this.adress = new
Adress(adress1);
        this.specialization = new
Specialization(specialization1);
        this.number = new
Number(number1);
        this.schedule = new
Schedule(day,time);
    }

    public String ShowAllData(){
        String str =
name.getName() + " " +
adress.getAdress() + " " +
specialization.getSpecialization()
+ " " + number + " " + schedule;
    }
}

```

```

        return str;
    }
    @Override
    public String toString(){
        return ShowAllData();
    }
}

public class Main {
    public static void main(String
args[]) {
        TradePoint tradePoint =
new TradePoint( "Name",
"Adress",123, "Programmer",
"Monday", "20:00");
        TradePoint secondPoint =
new TradePoint( "Andrew",
"MainStreet",880553535, "Trader",
"Sunday", "18:00");

        System.out.println(tradePoint);

        System.out.println(secondPoint);
    }
}

```



