Programowanie w języku JAVA Laboratorium 4 Marcin Godfryd Grupa 31

1. MyLinkedList.java

```
import java.util.NoSuchElementException;
public class MyLinkedList<T> implements Iterable<T> {
           current.next = newNode;
                   throw new NoSuchElementException();
               T value = current.value;
               return value;
    public boolean contains(T value) {
        Node<T> current = head;
            if (current.value.equals(value)) {
```

```
return false;
}

public static void main(String[] args) {
    MyLinkedList<String> list = new MyLinkedList<>();
    list.add("Jeden");
    list.add("Trzy");

    System.out.println("Elementy listy:");
    for (String s : list) {
        System.out.println(s);
    }

    System.out.println("Czy lista zawiera 'Jeden'? " +
list.contains("Jeden"));
    System.out.println("Czy lista zawiera 'Cztery'? " +
list.contains("Cztery"));
    }
}
```

2. Job.java

```
jobQueue.add(new Job("Job 9", 4));
jobQueue.add(new Job("Job 10", 9));

while (!jobQueue.isEmpty()) {
        System.out.println(jobQueue.poll());
    }
}
```

3. NumberGenerator.java

4. NumberGeneratorStreamsAPI.java

5. FIleAnalyzer.java

```
6. import java.nio.charset.StandardCharsets;
   import java.nio.file.Files;
import java.nio.file.Paths;
import java.util.Comparator;
import java.util.List;
        public static void main(String[] args) {
             String filePath = "./sales data sample.csv";
                  List<String> topTransactions =
   Files.lines(Paths.get(filePath), StandardCharsets.ISO 8859 1)
                            .skip(1)
                            .sorted(Comparator.comparingDouble(tokens -> -
   Double.parseDouble(tokens[4])))
             } catch(NumberFormatException e) {
```