

ИНФОРМАТИКИ И РАДИОЭЛЕКТРОНИКИ  
Кафедра программного обеспечения информационных технологий

Факультет НиДО  
Специальность ПОИТ

Контрольная работа № 2  
по дисциплине «Информационное обеспечение финансовых структур»

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Зачетная книжка № 801021-23

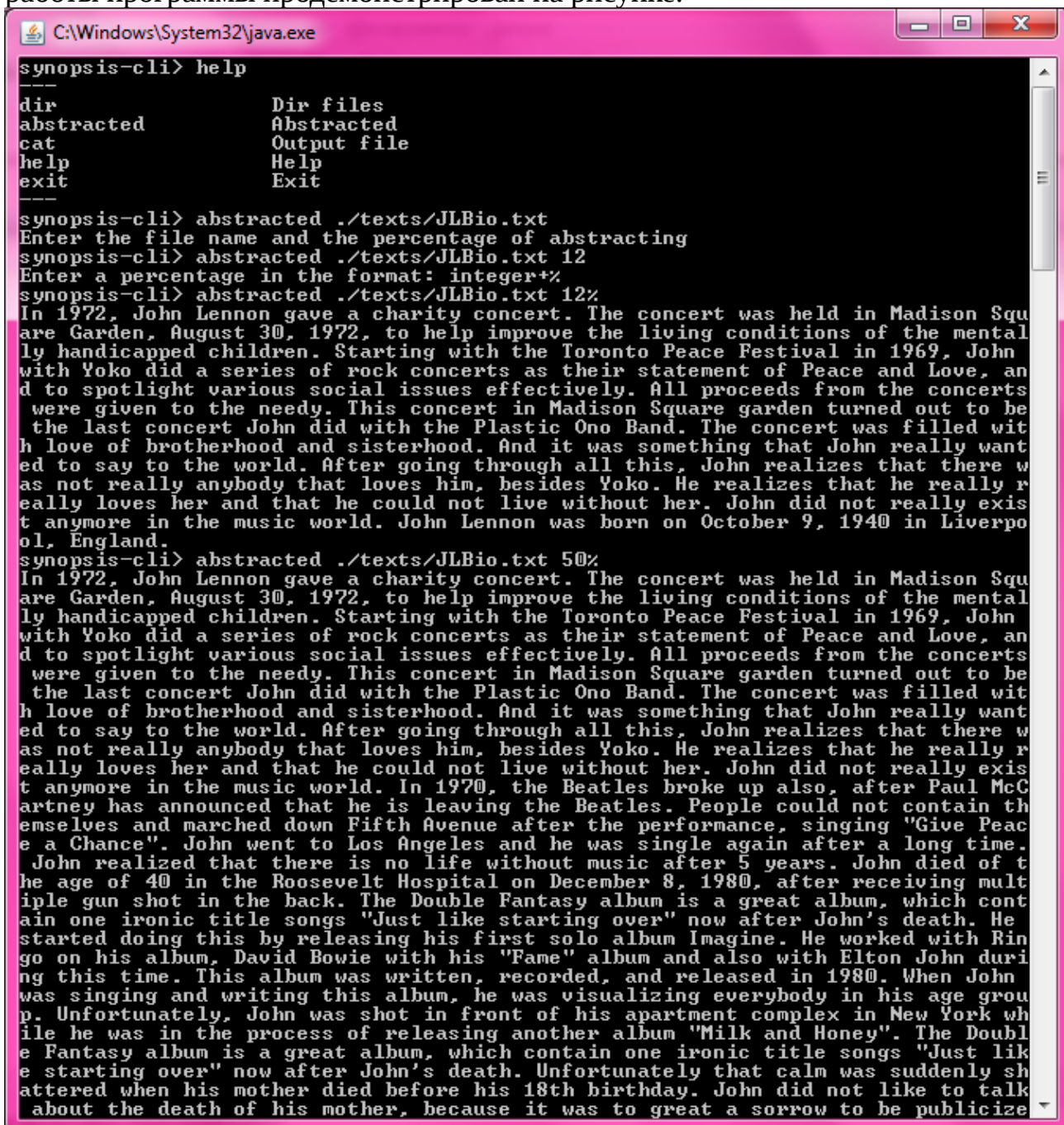
Минск 2013

## **МЕТОД АВТОМАТИЧЕСКОГО РЕФЕРИРОВАНИЯ ТЕКСТОВОЙ ИНФОРМАЦИИ**

**Цель работы:** научиться строить реферат на основе предложенного текстового документа.

## РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ

Для реализации алгоритма реферирования текста было разработано CLI приложение. Вывести список команд на экран можно с помощью команды help. При запуске программы инициализируется список стоп слов, которые в дальнейшем учитываются при обработке текстов по законам Зипфа. Реферирование выполняется с помощью команды abstracted (последовательно необходимо ввести имя файла и процент выжимки информации из текста). В случае если не будет указан какой либо параметр или команда будет введена неверно - система укажет на ошибки. Выход из программы – exit. Результат работы программы продемонстрирован на рисунке.



```
C:\Windows\System32\java.exe
synopsis-cli> help
---
dir                Dir files
abstracted         Abstracted
cat                Output file
help               Help
exit               Exit
---
synopsis-cli> abstracted ./texts/JLBio.txt
Enter the file name and the percentage of abstracting
synopsis-cli> abstracted ./texts/JLBio.txt 12
Enter a percentage in the format: integer+%
synopsis-cli> abstracted ./texts/JLBio.txt 12%
In 1972, John Lennon gave a charity concert. The concert was held in Madison Square Garden, August 30, 1972, to help improve the living conditions of the mentally handicapped children. Starting with the Toronto Peace Festival in 1969, John with Yoko did a series of rock concerts as their statement of Peace and Love, and to spotlight various social issues effectively. All proceeds from the concerts were given to the needy. This concert in Madison Square garden turned out to be the last concert John did with the Plastic Ono Band. The concert was filled with love of brotherhood and sisterhood. And it was something that John really wanted to say to the world. After going through all this, John realizes that there was not really anybody that loves him, besides Yoko. He realizes that he really really loves her and that he could not live without her. John did not really exist anymore in the music world. John Lennon was born on October 9, 1940 in Liverpool, England.
synopsis-cli> abstracted ./texts/JLBio.txt 50%
In 1972, John Lennon gave a charity concert. The concert was held in Madison Square Garden, August 30, 1972, to help improve the living conditions of the mentally handicapped children. Starting with the Toronto Peace Festival in 1969, John with Yoko did a series of rock concerts as their statement of Peace and Love, and to spotlight various social issues effectively. All proceeds from the concerts were given to the needy. This concert in Madison Square garden turned out to be the last concert John did with the Plastic Ono Band. The concert was filled with love of brotherhood and sisterhood. And it was something that John really wanted to say to the world. After going through all this, John realizes that there was not really anybody that loves him, besides Yoko. He realizes that he really really loves her and that he could not live without her. John did not really exist anymore in the music world. In 1970, the Beatles broke up also, after Paul McCartney has announced that he is leaving the Beatles. People could not contain themselves and marched down Fifth Avenue after the performance, singing "Give Peace a Chance". John went to Los Angeles and he was single again after a long time. John realized that there is no life without music after 5 years. John died of the age of 40 in the Roosevelt Hospital on December 8, 1980, after receiving multiple gun shot in the back. The Double Fantasy album is a great album, which contains one ironic title songs "Just like starting over" now after John's death. He started doing this by releasing his first solo album Imagine. He worked with Ringo on his album, David Bowie with his "Fame" album and also with Elton John during this time. This album was written, recorded, and released in 1980. When John was singing and writing this album, he was visualizing everybody in his age group. Unfortunately, John was shot in front of his apartment complex in New York while he was in the process of releasing another album "Milk and Honey". The Double Fantasy album is a great album, which contains one ironic title songs "Just like starting over" now after John's death. Unfortunately that calm was suddenly shattered when his mother died before his 18th birthday. John did not like to talk about the death of his mother, because it was too great a sorrow to be publicized.
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Рисунок 1.