Kyiv College of Communications

Cycle Commission of Computer Engineering

**PERFORMANCE REPORT**

**WORK-CASE №4**

*in discipline: "Operating systems"*

*Topic: "Work with package managers"*

Performed by students

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Repository is a special server where you can store and download software. The server stores an archive of downloadable software products.

Any data is stored and maintained here. Most often, the data in the repository is stored in the form of files available for further distribution over the network.

An example of a repository is the free Sisyphus software repository of the ALT Linux team.

Repositories are used in version control systems, they store all documents, as well as the history of their changes and other official information. The term repository can be literally translated as repository.

Package - a set of programs, files of a certain type to work with the system we need, tasks related to each other by a certain list of amenities.

Dpkg is the basic package management system in Debian. Can be used to install, remove, store and retrieve .deb package information. It's a low-level tool with additional utilities to help users install storage packages, resolve dependencies, and search for packages by name.

APT (ADVANCED PACKAGING TOOL) is a very popular, powerful open source command-line tool for packet management, which greatly expands the capabilities of DPKG.

This utility is used in DEBIAN and its derivatives such as UBUNTU, LINUX MINT.