**Full Name: Saidjon Nozimboev**

**Student Number: 110186060**

1.  There are two major kinds of software. The first one is system software, which works with application software, computer hardware, and end users. The second type is application software, which helps perform a wide range of tasks for the end-user.

2. System software programs manage and control computer hardware and provide a foundation for application software. Two types of system software are:

1) OS (Operating Systems). These manage computer software and hardware resources. Additionally, provide a UI (User Interface) and enable applications to run. Windows, MacOS, Linux can be included as examples.

2) Utility Programs. These programs are specialized to make computing easier. For example, search programs, backup programs, antivirus programs and virtual assistants.

3. Application software can be divided into three categories. One of the most popular categories, mobile apps, that consist of applications designed for tablets and cell phones. Another category, specialized applications, includes a wide range of programs that are more narrowly focused on specific disciplines and occupations. Finally, general-purpose applications, designed to perform common tasks that suit a broad range of users. Examples include word processors (Microsoft Word), spreadsheets (Excel), and web browsers (Chrome).

Mobile apps are designed for smartphones and tablets, focusing on portability and simple tasks, like messaging on WhatsApp. Specialized applications are tailored for specific industries or professions, such as designing in Photoshop or Video Editing. General-purpose applications, like Microsoft Word or Excel, are tools created to perform everyday tasks suitable for a wide range of users.

4.

1) Graphics programs.

2) Video game design programs.

3) Software suites.

5.