**NAME: MAQSOOD AHMED**

**ID: 38186**

**DEPT: BS(CS)**

**ASSGINMENT: #01 (ICT)**

**Question 01:**

Like books and movies, the computer software is protected by a Copyright. A copyright is a form of legal protection that grants certain exclusive rights to the author of a program. In addition to copyright protection, computer software is often protected by the terms of a software license. The software may also be distributed under shareware or freeware. You are required to investigate the following:

1. **Copyrighted Licensed Software:**

Copyrighted Licensed Software refers to software that is protected by copyright laws and requires a license for its use. This type of software is typically owned by a company or an individual, and the license outlines terms and conditions for using the software.

Example of Copyrighted Licensed Software include:

1. Microsoft Office: This software suite is owned by Microsoft and is used for word processing, presentations, and spreadsheets. The license for Microsoft Office is typically sold as a one-time purchase or as a subscription-based service.
2. Abode-Photoshop: This software is used for photo editing and is owned by Adobe. The license for Adobe Photoshop is typically sold as a one-time purchase or as a subscription-based service.
3. **Shareware Software:**

It is a type of software that is distributed for free, but the user is required to pay for continued use or access to additional features. The license for shareware software typically allows the user to try out the software for a limited time period before deciding whether to purchase it or not.

Example of Shareware Software include:

1. WinZip: This software is used for file compression and decompression. The license for WinZip allows the user to try out the software for a limited time period before requiring payment for continued use.
2. WinRAR: It is also used for file compression and decompression. The license for WinZip allows the user to try out the software for a limited time period before requiring payment for continued use.
3. **Difference between Copyrighted licensed software and shareware software:**

The world of software is vast and varied, and there are different types of software available that come with varying licenses. In this report, we will be investigating Copyrighted Licensed Software and Shareware Software, their respective licenses, and the differences between them.

Copyrighted licensed software and shareware software are both types of software that are protected by copyright laws. However, they have some differences in terms of licensing, distribution, and payment models. Here are some of the main differences:

1. Licensing: Licensed software is software that is protected by copyright laws and requires a license to be legally used. This license is usually granted by the software publisher and is typically restricted to a certain number of users or devices. Shareware software, on the other hand, is often distributed under a more permissive license that allows users to try the software for free before purchasing a license.
2. Distribution: Licensed software is typically distributed through authorized channels, such as software retailers or online marketplaces. Shareware software, on the other hand, is often distributed through a variety of channels, including software download sites, online forums, and peer-to-peer networks.
3. Payment models: Licensed software is typically sold for a fixed price, either as a one-time purchase or as a subscription. Shareware software, on the other hand, often uses a try-before-you-buy model, where users can download and use the software for free for a limited time before deciding whether to purchase a license.
4. Features and limitations: Licensed software typically comes with a full set of features and is often more fully-featured than shareware software. Shareware software may have some limitations, such as a time limit or reduced functionality, until the user purchases a license

| **Category** | **Program Names** | **Shareware/Commercial** | **Retailers or Vendors** | **Prices** |
| --- | --- | --- | --- | --- |
| Word Processor | AbiWord, Atlantis Word Processor | Shareware, Commercial | Abi Source, Rising Sun Solutions | Free, Rs.9135 (Atlantis Word Processor) |
| Spreadsheet | G numeric, Spread32 | Shareware, Commercial | GNOME Foundation, Framtids forum I&M AB | Free, Rs.10179 (Spread32) |
| Database | DB Designer 4, EMS SQL Manager | Shareware, Commercial | Fab FORCE, EMS Database Management Solutions | Free, Rs.71775 (EMS SQL Manager) |
| Graphics | GIMP, Corel DRAW Graphics Suite | Shareware, Commercial | The GIMP Team, Corel | Free, Rs.64989(Corel DRAW Graphics Suite) |
| Utility | C Cleaner, WinZip | Shareware, Commercial | Piriform, Corel Corporation | Free, Rs.7800 (WinZip) |

**Source:**

* AbiWord: <https://www.abisource.com/>
* Atlantis Word Processor: <https://www.atlantiswordprocessor.com/>
* Gnumeric: <https://gnumeric.org/>
* Spread32: <http://www.byedesign.co.uk/>
* DBDesigner 4: <https://sourceforge.net/projects/dbdesigner-fork/>
* EMS SQL Manager: <https://www.sqlmanager.net/>
* GIMP: <https://www.gimp.org/>
* CorelDraw Graphics Suite: <https://www.coreldraw.com/en/>
* Cleaner: <https://www.ccleaner.com/>
* WinZip: <https://www.winzip.com/>

**QUESTION 02:**

What is a multimedia application? Find out at least five multimedia applications. For each application, list its title, publisher and a short description of what it does. Also provide the reference of your source?

**Multimedia Application:**

Multimedia is a type of medium that allows information to be easily transferred from one location to another. Multimedia is the presentation of text, pictures, audio, and video with links and tools that allow the user to navigate, engage, create, and communicate using a computer.

1. Adobe Creative Suite - Publisher: These applications are used for graphic design, photo editing, video editing, and animation.
2. VLC Media Player - Publisher: VideoLAN Organization VLC Media Player is a multimedia player that supports a wide range of video and audio formats.
3. Khan Academy - Publisher: Khan Academy Khan Academy is an online learning platform that provides educational content in a multimedia format.
4. Microsoft PowerPoint - Publisher: Microsoft Corporation Microsoft PowerPoint is a presentation software that allows users to create multimedia presentations using text, graphics, and animations.
5. Spotify - Publisher: Spotify Technology S.A. Spotify is a music streaming service that provides access to millions of songs, podcasts, and other multimedia content.

**Source:**

* Adobe Creative Suite: <https://www.adobe.com/creativecloud.html>
* VLC Media Player: <https://www.videolan.org/vlc/index.html>
* Khan Academy: <https://www.khanacademy.org/>
* Microsoft PowerPoint: <https://www.microsoft.com/en-us/microsoft-365/powerpoint>
* Spotify: <https://www.spotify.com/>

THE END