Chapter 2nd [Utilities]

Data Compression Utilities:- A compression program or compression utility is a software program that can compress and decompress various file types. Most operating systems include tools for compressing and uncompressing files. For example, latest versions of Microsoft Windows include a compression utility for creating and extracting .zip files. Other compressed files, like .7z and .rar, require a third-party compression utility to be installed, such as the ones listed below.

- PKZIP
- WinZip
- WinRAR
- Secure Zip
- 7-Zip

PKZIP:- PKZIP is a program, originally written for the DOS operating system, that gathers multiple files into a single compressed file that can be stored in less space and transmitted more quickly from one place to another. A companion program, PKUNZIP, uncompresses and restores the original files when they are needed. The compressed file archive is known as a zip file and conventionally has a .zip file name suffix. The "PK" derives from the name of the program's inventor, Phillip W. Katz. Katz is said to have developed the idea in 1986. IBM OS/400 platform where it can be unzipped using PKUNZIP UNIX.

WinZip:- It is the most popular compression utilities for windows. It is powerful and easy to use tool that zips and unzips files quickly to concern disk disk space and quickly reduce email transmission time. WinZip 24 is the latest version. We can compress JPEG files by 20-25% without losing photo quality.

WinZip integrate with windows seamlessly, opens RAR and other file types and offers Advanced Encryption Standard (AES) to keep files secure.

Assignment:-

1-What is concept behind compressing files? What are the features of WinZip to compress files and folders ?

2-Write difference between WinZip and PKZIP utilities.