

Tender Heart High School, Sec-33, Chd.

Class- V

Subject- Computers

Date- 15.07.24

Ch- 2 "Types of Software"

Teacher- Rupinder Kaur

Good Morning Students,

Students, This lesson is for Class-V for the subject of Computers, Topic- 'Special Purpose Application Software' which is covered in chapter-2

All the students, May now please open page no-23 in front of them.

I hope all the students are ready for today's lesson. So let us start with the topic.

→ Special Purpose Application software (Customized Software) :- Students, this type of application softwares are designed to fulfill the special needs of any user. Examples of such type of softwares are :- Tally, Reservation system, Billing system, Payroll system etc.

→ Difference between system software and Application software:- Students, we are going to study about

these softwares one by one.

System Software :- (1) These softwares are used to control the operations of a computer and run the application programs.

- (2) It includes programs - such as compilers, system utilities, debuggers, drivers, assemblers etc.
- (3) These softwares run in the background.
- (4) System software can run independently.

Application Software :- (1) These softwares are used to fulfill their requirements of the users.

- (2) It includes - graphics, software, word processors, and spread sheet programs etc.
- (3) These softwares perform different activities.
- (4) Application software cannot run without system software.

→ Operational Support System (OSS) :- Students, these type of softwares are used by communication (Internet) service providers to operate, monitor, analyse and manage computer or telephone network system on client's computer. These are based on the network processes to maintain

different services like- managing network components, provision services and manage faults.

* students, All of you may now take 3 minutes break. During break time you will give answers for some questions. And the questions are:-

Q:-1 Write full form of OSS.

Q:-2 Which software runs in the background?

Q:-3 Give examples of Application software?

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let me give you answers first. And the answers are:-

Ans:-1 Operational Support System.

Ans:-2 System Software

Ans:-3 Graphics, word processor and spread sheet programs etc.

Now, let us continue with the next topic.

→ Defragmentation:- Students, Fragmentation occurs when there is no proper memory available to

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store large files. For example:- There are so many drives in your Computer. But, there is no enough space for saving large files ^{in one drive}, then, Operating system searches for the next drive/block for storing large file. In this case, fragmentation process occurs. Fragmentation means to divide the large data into small parts and save in different blocks.

→ Defragmentation:- Students, After fragmentation, data needs to be rearranged and consolidated into one contiguous area of disk. It is called Defragmentation. we will follow the steps for Defragmentation. These are:-

- (1) click on Start > All Programs > Accessories > System tools > Disk fragmenter.
- (2) One window will appear
- (3) Select the disk, and click on Defragment disk tab.
- (4) The defragmentation process will start and take some time to finish.

* Children, Now I am ending the lesson here. Please read the lesson carefully and try to solve Qs- A, B, C, D, E present on page - 25, 26.

Thank you...