Date: 12-11-2019

Day: Tuesday

User

Application software

System software

Os

Hardware

🡺An **operating system** (**OS**) is **system** software that manages computer hardware, software resources, and provides common services for computer programs.

🡺The use of operating system is to make a computer system is to make a computer system conviniyan to use and utilize computer hardware in different manner

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**Function of o.s** ( **imp )**

1.process menagement

🡺 process means a program in excution

🡺 Secluding of system recourses and process to minimize the idle time of cpu

🡺 secudling of system resorce and process to minimize the idel time of cpu

2. Memory management

🡺allocate and deallocate of memory

3. File management

🡺 file is a collaction of information

🡺file has a three type

1.file name

2.attribute

3.data

4. Security

🡺procate resouce and information of computer against unauthorised access

🡺detailes with problams of verify the identity of use before permmiting access to recourse and information

5. Command interpretation

🡺it provide the set of command using which user can give instruction to the computer

🡺It provide interconnection with computer system

**Type of o.s**

**1.**batch os

2.multi programming

3.multi processing

4.time sharing

5.real time