**OOPS DAY 3 ASSIGNMENT**

1) Given a class named **Patient,** identify what instance methods could be written in this class.

Ans) Class: Patient

>name, age, mobile number, address, family details, health problem

2) Given a class named **CPU,** identify the public & private instance members.

Ans) Class: CPU

>public: model number, specs, USB ports, price

>private: motherboard, IC, OS

3) Given a class named **Media,** assume there are 3 objects of this class. Identify the static members of this class.

Ans) Class: Media

>songs, name, lyrics, singer, music, beats

4) Given a class named **Calculator** & its derived classes named **Standard** and **Scientific,** identify the method which can be overridden by the derived classes.

Ans) Class: Calculator

>overridden elements

Addition, subtraction, multiplication, division, percentage,

5) Given the classes **Bird, Superman, Aeroplane** and **Missile,** identify the usage of interfaces here.

Ans) One common thing in the above classes is flying but their flying methods are different.

Here flying is a common interface.