- In opps programs, control flow is characterized by message passing among objects, and the control flow switches from one object to among objects, and the control flow switches from one object to another by inter object Communication. Consequently, there is no control flow within a class requires different approaches for central flow within a class requires different approaches for testing. Further more, in a function, anguments passed to the function testing. Further more, in a function, anguments passed to the function with global oluta determine the path of execution within the procedure. But, in an object, the state associated with the procedure. But, in an object, the state associated with the object also influences the path of execution, and methods of a class object also influences the path of execution, and methods of a class object also influences the path of execution, and methods of methods.

 Can communicate among themselves through this state because this state is persistent across invocations of methods.

 This state is persistent across invocations of methods.

 This state is persistent across invocations of methods.
- 1) Fault based techniques testing:
- 2 class testing based on method testing
- (3) Random Testing.
- (9) Partition Testing
- (5) scanario-based testing

These Hests fend to search out interaction form of error.

Class testing: This approach is the simplest approach to test classes. Each method of the class peryonins a well defined Cohesive function and can, theregare, be gretated to unit testing of the traditional testing techniques therefore all the methods of a class can be involved at least once to test

composition with class resting

- + Object of 00 is to facilitate easy code newse in the your os clarres, To allow each class has to be siginously
- -) Due to classes potentially used in injurescenable ways when > Example: AXML parsen jon a web browser composed in new systems-

 - -> Masses must be created in a way promoting loose Coupling and strong cohesion.
- (1) Enclapsulation issues > Encapsulation requires that classes are only oware of their own properties, and are able to operate independently. If unit testing is performed with the integration testing becomes more important.
 - 2) Inheritance Afolymonphism: Inheritance as an important part of OOP paraeligm, unit testing a class with a superclass can be impossible to do without the super class methods/varioly
 - -> Repeatedly testing seme methods
 - -> Time our then be washed is not addressed
 - 7 Patertially can be avoided and actually some time