**ASSIGNMENT**

**MODULE – 1 ( FUNDAMENTALS )**

**Q-1 :- What is SDLC ?**

**->** Full Form Software Development Life Cycle (SDLC) is a structured process that enables the production of high quality, low cost software, in the shortest possible production time.

**Q.2 :- What is software testing ?**

**->**  Software Testing is a process used to identifty the correctness , completeness , and quality of developed computer software.

**Q.3 :- What is agile methodology ?**

**->** Agile is an iterative approach to project management and software development that helps teams deliver value to their customers faster and with fewer headaches.

**Q.4 :- What is SRS ?**

**->** full Form software requirement specification a document that describes what the software will do and how it will be expected to perform.

**Q.5 :- What is oops ?**

**->** Full Form Object Oriented Pragramming is computer programming model that organizes software design around data or objects rather than function and logic.

**Q.6 :- Write Basic Concepts Of Oops ?**

**->** 1. Object

2. Class

3. Abstraction

4. Encapsulation

5. Inheritence

6. Polymorphism

1. Object :- Any Entity Wich Has Own State And Behaviour.

2. Class :- Collection Of Objects Called a Class.

Ex :- Human body

3. Abstraction :- Hiding internal details and showing functionalities.

Ex :- Facebook Login Page

4. Encapsulation :- Warpping up of data or binding of data.

Ex :- Capsule

5. Inheritence :- When one object acquire all the properties and behavior of parent class.

6. Polymorphism :- many ways to perform anything.

Ex :- overloading , overriding

**Q.7**  **What is Object ?**

**->** Objects are the things you think about first in designing a program and they are also the units of code that are eventually derived from the process.

**Q.8 What is Class ?**

**->** A group of students meeting regularly to study the same subject the period during which such a group meets.

**Q.9 What is encapsulation ?**

**->** Mechanism of combining more than one data members and member function that implement on those data members into a single unit.

**Q.10 What is inheritance ?**

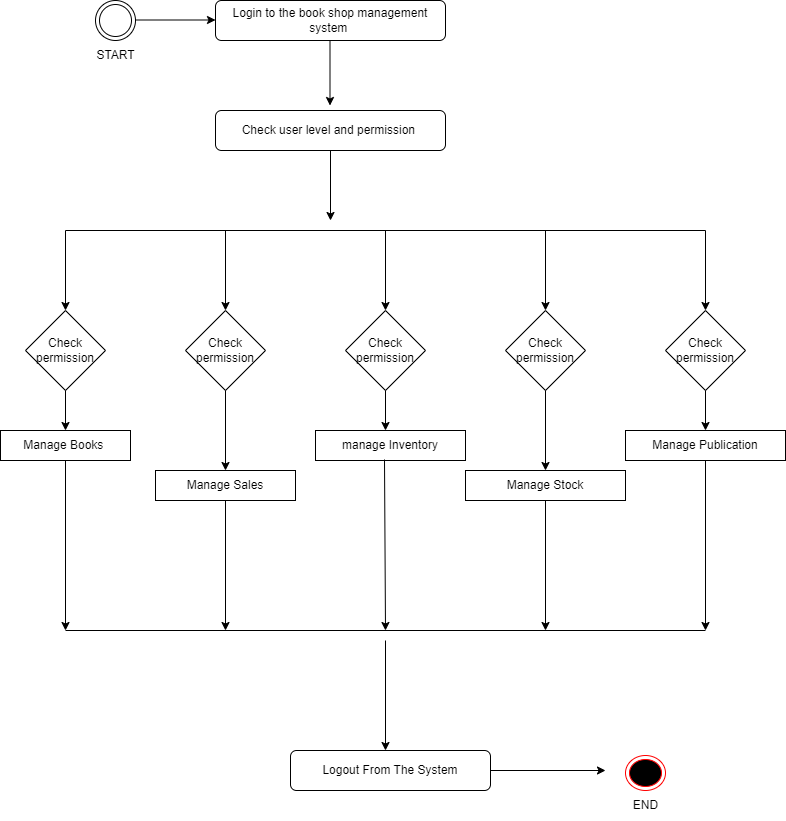
**->**  Inheritance in oop when a class derives from another class.

**Q.11 What is polymorphism ?**

-> Polymorphism programming a describes situation in which something occurs in several different forms.

**Q.12 Draw Usecase On Online Book Shopping ?**

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