**JAVA BASIC QUESTIONS**

1. **Object:** an object is the instance (result) of a class. By using Object we can call any method.

Object is the run time memory allocation

For Eg: ClassName obj=New ClassName() 🡪 Object Created

Obj.Nameof Method();🡪 To call Method

1. **Class:** A class is a group of objects which have common properties. It is a template or blueprint from which objects are created.

For Eg: Class ClassName:

1. **This** – Key Word .It is used to refer the current class instance variable and invoke current class method, super() method invoke the current constructor.

We can pass arguments in method call and constructor call by using this key word.

1. **Super**- keyword. It is used to refer the immediate parent class instance variable, invoke immediate parent class method, and super() method invoke immediate parent class constructor.
2. Final -is used to restrict the user

**Final variable** 🡪 u cant change variable value.

**Final Method** 🡪 u cant override the method.

**Final Class** 🡪 u cant extends the class.

1. **Try** 🡪 The Try block is is used to specify a block where we should place exception code.

**Catch** 🡪The catch block is used to handle to exception.

**Finally** 🡪 is used to execute the important code of the program whether an exception is h handled or not.

1. **Static variable** 🡪 it gets memory only once and retains the value. It can be used to refer to the common property of all objects. The static variable gets memory only once in the class area at the time of class loading

**Static Method** 🡪 A static method can be invoked without the need for creating an variable of a class. A static method can access static variable and can change the value of it.