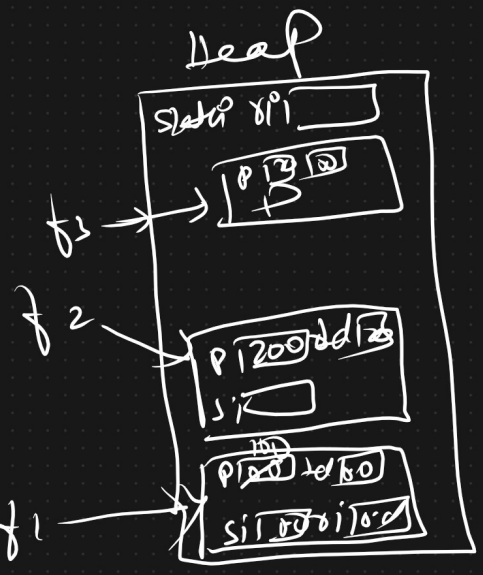
=> static variables ~, static Block ~, static methods

Java Inst block => ~, constructor, methods ~

=> static variables => once -> Heap

```java
import java.util.Scanner;

class Farmer
{
   float pamnt;
   float td;
   float si;
   float ri;


   void input()
   {
      System.out.println("Welcome to Loan app!");

      Scanner scan=new Scanner(System.in);
      System.out.println("Farmer! kindly tell us how much amount needed?");
      pamnt=scan.nextFloat();
      System.out.println("Farmer! kindly tell us how much time needed to pay back?");
      td=scan.nextFloat();
      ri=3.15f;
   }
   void compute()
   {
      si=pamnt*td*ri/100.0f;
   }
   void disp()
   {
      System.out.println("The SI is : "+ si);
   }

}
public class LaunchFarmerLoan
{

   public static void main(String[] args)
   {
      Farmer f1=new Farmer();
      Farmer f2=new Farmer();
      Farmer f3=new Farmer();

      f1.input();
      f1.compute();
      f1.disp();

      f2.input();
      f2.compute();
      f2.disp();

      f3.input();
      f3.compute();
      f3.disp();

   }

}
```

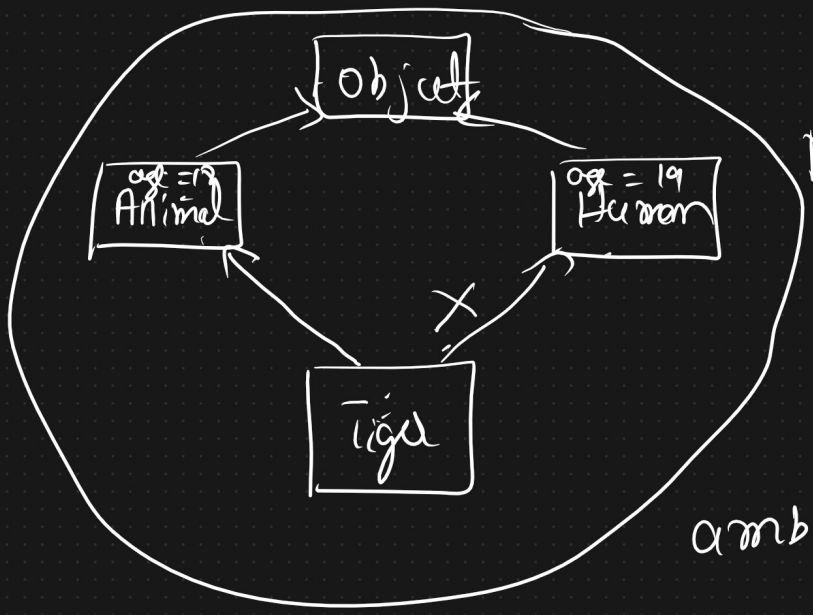


=> Inheritance :- class
object of class
constructor
=
=

=> Relationship B/W classes =>

=> Is-a relationship =>

=> has-A relationship =>



Multiple Inheritance not allowed

ambiguity

ambiguity => confusion

=> Inherited methods, overridden methods, specialized methods.