```
1 clames and object:
Class Student
                     11 student is class
     String name:
                    11 field
     int rollnumber;
    void study () 11 method
         System out println (mame + "is studying - ");
 public class Main
       public static roid main (string[] angs) {
            Student students = new Student ():
            students name = "Alice lobject creation
            students. notinumer = 101;
            students. study ();
2) Access modifier
Class Book &
   private String title: // Private variable
   public void seltitle (String +) { / using this to
                         access osafely
    public String getTitle () title
        neturn title;
```

Public class Main Public static void main (String[] ange) Book my Book : new Book(); my Book setTitle (The Alehemist): System out printly (my book getTite ()); 31 Inheritance and Protected Access class Employee [protected String role = "Employee"; Noid work () ! System out printles ("Employee is working"); class Manager extends Employee { void Manage () { System. out println (note + "is managing the public class Main & public static void main (String I) ango) { manager m= men Manage ()

```
m. work ();
       m. manage ();
41 Encapsulation:
class Student {
        private String intage;
        public void setage (int age) {
            if (age >0) this age = age;
         public int get Age () {
             neturn age;
public static void main (String [ ) arrogs) {
          Student student = new Student ();
student set Name ( John);
```