```
LAB-5
importajava outil*)
dass Input-Scanner 2
   Scanner Sci,
   Input Scanner () {
      SC=now Scanner (System-in);
abstract class Shape entinde Inputscenner {
      double a;
      double bi,
     abstrant void getInput;
     abstrant void displayArea;
               class Rectangle entends shape [
  void get(nput () {
     System.out. printen ("inter the length and breadth:"),
       a = Sc. next double ();
     b=Sc. nent Double ():
    void displayArea () {
         System. out. printen ("Area ob vutangle is: "+ (atb));
```

```
class Triangle intends Shape [
   void getinput 11 ?
                             the length and Leight.
    Systim. out println 1" Enter
        a = SC. nontpouble();

5 = SC. nesit nouble();
       void displaymen 1) {
            System. out. println ("Aver of Veetangle
                is: " + Lax a* 3. (4));
                             doss Shapemain [
      public statle void main [String[]args)[
        Restangle V- new festangle ();
        Triangle t = new Triangle (1);
         civile ( = new Cird();
        roget input()
         v. displayArea()
         t. displayArach
         c. get Input st
          C. display Arus ();
```

Output anter length and bruidth: u3 Area ob rutangle is: 3354.0. anter legth and bredth 323 of rectargy is: 6944.5