A. Dendop a Java purgram to water and abstract class named shape that contains two integers and an empty nethod ramed puint area 1). Prioride there classes named Rectangle, Turangle and livele such that each one of class extends the class shape. Fact, one of the classes contain only the nuthod puint Acua!) that puint the area of the given shape. 1 34000. import java, util, "; abstract class a of { double x,y; : Hood for other with the a (double i, double) () () soor it to man us strat Deception point abstract double area (); mon granters with retail Don Grown class exet extends a { suct (clouble c, double i) & Enter tea price of the book; double area () { return xty; Book detaile Name: Deception point Class tui extends a { Ruthon: Day business tri (double i doublij) { or a suport je indranent , super (1,8); Pulu: 899.0 Louble arual 1 {

```
class cir entendo a {
          ior (double i) {
         como to support (6; es) some sugard with
      double arual) {
           notwin 3.14 xxxy . Jones think was it
                         Enter the seading of winds.
class
       WELKA execute &
        public static void main (study aug (3) {
          Scanner de 2 new Scanner (Septim. in);
                           Aus of turned is 4.0
    System out puintln!" Enter the lingth and beworth
                          of metengli!):
     double 1 = sc. nextInt ();
     double b = oc next Int (1)
   System. Out puintly ("Ents the hight and base of the
                       tavangle:"]
      double h = sc. nextInt():
     double ba = 11. next Int 1);
   System, out paintln ("Ents the readies of words")
      double na = 10. nextInt();
         suct & = new suct (d,b):
         tori t= new teri (h, ba);
       cir c = new cir (Ma);
     Soften out println ("Area of rectangle is" to area (1);
     Sighten. out puintly ("Aura of turingle is" + t. aura!));
   System. Out. puiroln ("Aura of circle is "+c. aura 1));
```

C:\Users\bmsce\Desktop\1BM21CS064>javac account.java