import java. util. scanner clas quadratic palated and man hour of their actions inta, b, c; double 91, 92, d' Scanner & = new Scanner (Systemial, System Out printly ("Enter the coeffer of a, b, c") a = s. next Int (); b = s. next Int(); c = s. next Int(); void compute () while (a = = 0) System, out, println ("Not a System. est. print (" outer a non zero value for Scanner S = new Scamer (Systemin) $\alpha = s$. next Int (); d = b + b - 4 + a * c; y(d==0)

```
91= (-b) 1(2 ra);
 System. out. printin (" Roots are real
                           and equal");
 System. out. println (" "Root 1 = Root 2 = "+ >1):
 else y(d>0)
  21 = ((-b) + ( math. squt(d)) / (double) (2+a);
  *2 = ( (-b) - ( Math .sqrt (d))) / (double) (2 kg);
 Bystim out println ("Roots over real and distinct");
System out. println ("Roots: "+ 21 + "Roots"
else if (d co)
  system. out. println ("Roots are imaginary)
  71= (-b)/(2xa).
  82 = Nath. Sqrt(-d)/(2 *a);
System. out. println ("Root1 = "+ 81 + "ifiz)
  845 tm. out. printh("Root 2="+ 82+"-i"+82).
clas quadratic main
  public static void main (String args[7)
     quadratic q = new pudratic();
     q. compule();
```

output: Enter the coefficients of 9,5,0 Roots are real and equal 2001 = 20012 = 150