```java
/*
//Q1
class info
{

}

class infodata
{
    public static void main(String...arg)
    {
        info ob1=new info();
        info ob2=new info();
        info ob3=new info();

    }
}
*/
/*
//Q2
class info
{
    int h,w,d;
    void volume()
    {
                System.out.println("the volume is");
        System.out.println(h*w*d);
    }
}
class infodata
{
    public static void main(String...arg)
    {
        info value=new info();
        value.h=10;
        value.w=20;
        value.d=30;
        value.volume();

    }
}
//outpute
//the volume is
//6000
*/
/*
//Q3
class info
{
    int a;

    info()
    {
        a=20;
    }
}
class infodata
{
    public static void main(String...args)
    {
        info val = new info();
        System.out.println(val.a);
    }

}
//output 20
*/
/*
//Q4
class info
{
    int a;
    long b;
```

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74          byte c;
75          double d;
76          short e;
77          char f;
78          float g;
79          String h;
80
81      }
82      class infodata
83      {
84          public static void main(String...arg)
85          {
86          }
87      }
88      */
89      /*
90      //Q5
91      class info
92      {
93          int a;
94          long b;
95          byte c;
96          double d;
97          short e;
98          char f;
99          float g;
100         String h;
101
102     }
103     class infodata
104     {
105         public static void main(String...arg)
106         {
107             info ob1= new info();
108             ob1.a=10;
109             System.out.println("the value of a is ="+ob1.a);
110             info ob2=new info();
111             ob2.b=20;
112             System.out.println("the value of b is ="+ob2.b);
113         }
114     }
115     //output
116     //the value of a is =10
117     //the value of b is =20
118     */
119     /*
120     //Q6
121     class info
122     {
123         void val()
124         {
125             System.out.println("Hello world im nayan");
126         }
127     }
128     class infodata
129     {
130         public static void main(String...arg)
131         {
132             info ob=new info();
133             ob.val();
134         }
135     }
136     //output=Hello world im nayan
137     */
138     /*
139     //Q7
140     class info
141     {
142         String val()
143         {
144             return "hii i am nayan";
145         }
146     }
```

```
147    class infodata
148    {
149        public static void main(String...args)
150        {
151            info obj= new info();
152            String a=obj.val();
153            System.out.println(a);
154        }
155    }
156    //output hii i am nayan
157    */
158    /*
159    //Q8
160    class info
161    {
162        int a,b,c;
163        int cal()
164        {
165            return a*b*c;
166        }
167    }
168    class infodata
169    {
170        public static void main(String...ars)
171        {
172            info obj=new info();
173            obj.a=10;
174            obj.b=20;
175            obj.c=30;
176            int z=obj.cal();
177            System.out.println(z);
178        }
179    }
180    //output 6000
181
182    */
183    /*
184    //Q9
185    class info
186    {
187        double vol(double hight, double width, double depth)
188        {
189            return hight*width*depth;
190
191        }
192        double vol(double length, double breadth)
193        {
194            return length*breadth;
195        }
196    }
197    class infodata
198    {
199        public static void main(String...arg)
200        {
201            info noob=new info();
202            double x=noob.vol(13,14,15);
203            double y=noob.vol(16,20);
204            System.out.println("the val of x is "+x);
205            System.out.println("the val of y is "+y);
206        }
207    }
208    //output
209    //the val of x is 2730.0
210    //the val of y is 320.0
211    */
212    /*
213    //Q10
214    class info
215    {
216        int a;
217
218        info()
219        {
```

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220            a=10;
221        }
222
223        info(int z)
224        {
225            a=z;
226        }
227    }
228    class infodata
229    {
230        public static void main(String...args)
231        {
232            info obj1= new info();
233
234            info obj2=new info();
235            System.out.println(obj2.a);
236        }
237    }
238    //C:\Users\khuje\Desktop\java>javac infodata.java
239
240    //C:\Users\khuje\Desktop\java>java infodata
241    //10
242
243    //C:\Users\khuje\Desktop\java>javac infodata.java
244
245    //C:\Users\khuje\Desktop\java>java infodata
246    //10
247    */
248
249    /*
250    //Q11
251    class info
252    {
253
254        double vol(double length, double breadth)
255        {
256            System.out.println("the area of\t"+this);
257            return length*breadth;
258        }
259    }
260    class infodata
261    {
262        public static void main(String...arg)
263        {
264            info noob=new info();
265            double y=noob.vol(16,20);
266            System.out.println("is :"+y);
267        }
268    }
269    //output;
270    //C:\Users\khuje\Desktop\java>javac infodata.java
271
272    //C:\Users\khuje\Desktop\java>java infodata
273    //the area of      info@a09ee92
274    //is :320.0
275    */
276
```