

```
1 import java.io.*;
2
3 public class question73
4 {
5     int n;
6     void input()throws IOException
7     {
8         InputStreamReader read=new InputStreamReader(System.in);
9         BufferedReader in=new BufferedReader(read);
10
11         System.out.print("Enter the number to be checked -> ");
12         n=Integer.parseInt(in.readLine());
13     }
14
15     void calculate()
16     {
17         int n1=n;//temporary number
18         while(n1%2==0)
19         {
20             n1=n1/2;
21         }
22         while(n1%3==0)
23         {
24             n1=n1/3;
25         }
26         while(n1%5==0)
27         {
28             n1=n1/5;
29         }
30         n=n1;
31     }
32
33     void display()
34     {
35         if(n==1)
36         {
37             System.out.println("It is an ugly number");
38         }
39         else
40         {
41             System.out.println("It is not an ugly number");
42         }
43     }
44
45
46     public static void main(String args[])throws IOException
47     {
48         question73 ob=new question73();
49         ob.input();
50         ob.calculate();
51         ob.display();
52     }
53 }
```