```java
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
class PowerofTwo{
   static boolean IfPowerOfTwo(int a){
     if (a==0)
       return false;
     while(a!=1){
       if (a%2!=0)
         return false;
       a=a/2;

     }
     return true;
   }

   public static void main(String args[]) throws IOException
   {
      BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
            String str = null;
            while(true)
            {
              System.out.println(x: "Enter your value:");
              str = br.readLine();
              System.out.println("your value is :"+str);
              int n = Integer.parseInt(str);
              //IfPowerOfTwo(n);
              System.out.println(IfPowerOfTwo(n));
              if (IfPowerOfTwo(n)==false)
                  break;

            }
   }
}
```

```
your value is :1
true
Enter your value:
2
your value is :2
true
Enter your value:
4
your value is :4
true
Enter your value:
8
your value is :8
true
Enter your value:
3
your value is :3
false
PS C:\Users\YangYiShu\Desktop\lab> []
```