```java
/**
 * Class NumberUtility takes input from the user and
 * test the input for four conditions.
 *
 * @author (your name)
 * @version (a version number or a date)
 */
public class NumberUtility
{
    public int n;
    public NumberUtility(int n)
    {
        this.n = n;
    }

    public int getN()
    {
        return n;
    }

    public boolean isOdd()
    {
        return (n%2==1);
    }

    public boolean isEven()
    {
        if(isOdd())
            return false;
        else
            return true;
    }

    public int countNum(int num)
    {
        int m;
        int c;
        int count = 0;
        m=n;
        while(m>0)
        {
            c = m % 10;

            if(c==num)
            {count++;}
            m = m / 10;
        }

        return count;
    }

    public int countOdd()
    {
        int m;
        int c;
        int count = 0;
        m=n;

        while(m>0)
        {c = m % 2;
            if(c==1)
            {count++;}
            m = m / 10;
        }

        return count;
    }

    public void report()
```

```
70      {
71          System.out.println("The number entered is odd: " + isOdd());
72          System.out.println("The number entered is even: " + isEven());
73          System.out.println("The number of digits equal to six is: " + countNum(6));
74          System.out.println("The number of odd digits equal to: " + countOdd());
75          System.out.println();
76      }
77  }
```