1.

```java
class Solution
{
    public String largestOddNumber(String num)
    {/*
        long n=(long)Long.parseLong(num);
        while(n!=0)
        {
            if(n%2!=0)
            return n+"";
            n=n/10;
        }
        return "";

        */

        for(int i=num.length()-1;i>=0;i--)
        {
            int n=num.charAt(i)-48;
            if(n%2!=0)
            return num.substring(0,i+1);

        }
        return "";
    }
}
```

2.

```java
class Solution {
    public int numberOfMatches(int n)
    {
        int rs=0;
        while(n!=0)
        {
            rs+=n/2;
            if(n%2!=0&&n>1)
            rs=rs+1;
            n=n/2;

        }
        return rs;

    }
}
```

3.

```java
class Solution {
    public String largestGoodInteger(String num)
    {
        String s[]={"999","888","777","666","555","444","333","222","111","000"};

        for(String st:s)
        {
            if(num.contains(st))
            return st;
        }
        return "";

    }
}
```
4.
```java
class Solution {
    public int numSpecial(int[][] mat) {
        int ans = 0;
        int m = mat.length;
        int n = mat[0].length;

        for (int row = 0; row < m; row++)
        {
            for (int col = 0; col < n; col++)
            {
                if (mat[row][col] == 0)
                {
                    continue;
                }
                boolean good = true;
                for (int k = 0; k < m; k++)
                {
                    if (k!= row && mat[k][col] == 1)
                    {
                        good = false;
                        break;
                    }
                }
                for (int k = 0; k < n; k++) {
                    if (k != col && mat[row][k] == 1) {
                        good = false;
                        break;
                    }
                }

                if (good) {
                    ans++;
                }
            }}}return ans;
        }}
```