

```
public class Solution {  
    public static void main(String args[])  
    {  
        int result = 0;  
        String val = BigInteger.valueOf(2).pow(1000).toString();  
        for(char a : val.toCharArray()){  
            result = result + Character.getNumericValue(a);  
        }  
        System.out.println(result);  
    }  
}
```