

```
public class Question2 {  
    public static void main(String[] args) {  
        int limit = 4000000;  
        int sum =0;  
        int first =1;  
        int second =1;  
        while(second < limit){  
            // for all even numbers  
            if(second % 2 == 0){  
                sum += second;  
            }  
            // update second variable with sum of subsequent terms  
            int temp = first + second;  
            first = second;  
            second = temp;  
        }  
        System.out.println(sum);  
    }  
}
```