16.Design an algorithm which generates even numbers between 1000 and 2000 and then prints them in the standard output. It should also print total sum.

```
Start
  |
  v
i = 1001
sum = 0
  |
  v
i < 2000 --T--> i % 2 ==0 --T--> sum+=i --> print i
  |                  ^                          |
  |                  |                          |
  |                 i++ <------------------------
  v
print sum --> Stop
```