

1. It creates as many as whatever the value max is, added by one. So one more whatever the value max is  
We have  $\text{max} + 1$  to add to the value max by one for the program to work as intended  
No as the output would be different than what it is supposed to output
2. It is there to reset the value of i before the loop  
We could, but using i makes the code easier to understand and read
3.  $i++ == \text{max}$
4. It will result in adding to the value i until it is greater than or equal to max