

This problem is quite easy as indicated in the lab overview. Because we want to print all the odd number from 1 to  $x$  and we can give the output just from 1. What we left is determining when to end the print. So I set a loop to run it and the end loop criteria is whether  $k$  (a variable that store the output) is greater than  $x$ . If  $k$  is larger than  $x$ , then judge whether  $k+1$  is equal to  $x$  which take the  $x$  in an even number into our consideration (when  $x$  is odd it is obvious we can just print the  $k!$ ) so that we would violate the given output formulate.

Since I just begin to work in java environment to code and it is my first to time use Eclipse. So I want some suggestion or recommend book for learning, if possible.