

## CS118 Exercises

### Conditionals

**In this assignment, do not forget that the = operator is for assignment and the == operator is for comparison.**

1. Write a Python program that collects from the user a single integer. Have the program print “EVEN” if the integer is divisible by 2, and “ODD” if the integer is not divisible by two. [Use the % operator to compute the two's modulus (remainder of division by two)]
2. Write a Python program that collects from the user two integers. Have the program print “Yes” if the two integers are BOTH greater than 10. Do nothing if either is less than or equal to 10.
3. Make a copy of program #2 and modify it so that it prints “Yes” if BOTH integers are greater than 10, and prints “No” otherwise.
4. Make a copy of program #2 and modify it so that it prints “Yes” if BOTH integers are greater than 10 or if EITHER integer is negative. **(Read this carefully...)**
5. Make a copy of program #2 and modify it so that it prints “Yes” if EITHER integer is greater than 10.
6. Make a copy of Program #3 and modify it so that it prints “Yes” if EITHER integer is greater than 10 and ALWAYS prints “No” after that.