In-class assignment (due at 11:20AM, 03/05)

- •Suppose you want to move an object from the origin to a position that has a distance, *x* units (a positive integer), from the origin. Each time you can move only 1 or 2 units. Please write a program to print in how many distinct ways you can move the object to the position. *x* is provided during runtime. For example,
- If x = 2, then your program should print 2, because there are 2 ways:
- (1) 1 + 1and (2) 2
- If x = 4, then your program should print 5, because there are 5 ways:
- (1) 1 + 1 + 1 + 1, (2) 1 + 1 + 2, (3) 1 + 2+ 1, (4) 2 + 1 + 1, and (5) 2 + 2