Assignment 3

Due 7/24

(1)(programming-based)
Write a function
void fibonacci(int x,int y, int n, vector<int>v) to create a vector :
x, y is the first two element of vector v, n is the number of element, v is an uninitialized vector. The element of v fulfill the condition:
v[i]=v[i-1]+v[i-2];
print this vector in your main function.

(2)(programming based)
Use two ways to implement pow(*x*, *n*), which calculates *x* raised to the power *n* (x^n).

1st way: Use a for loop

2nd way: use recursive method, read how I implement the function factorial in lecture 6
PS: Be careful about boundary condition:
1, the n can be less than or equal to 0
2, the x is a float and can equal to 0