The following question must be answered by OpenMP. For more explanation of OpenMP and its built-in functions check chapter 7 in the book.

Q1- Compute the first n numbers of Fibonacci sequence, using the rule:
$f_n = f_{n-1} + f_{n-2}$, where $n > 1$ and $f_0 = 0, \ f_1 = 1$)

Q2- Calculate the summation of n integers from a given interval using reduction, where number of threads p < n, assuming that p divides n

Q3- Ask the user to enter the number of words to check vowels and create a matrix to put every single word in a row. Also, create an array filled with the vowel letters. Finally, find the average (appearance range) of the vowels in words. Compute its running time, speed up, cost, and its efficiency.