EE-2310 計算機程式設計 (Introduction to Programming)
Homework #4 (佔學期總成績 3 分)
(每人一組) Due on Nov. 22, 2018 @ the Lab Sesion
Late Homeworks will NOT be accepted !

1. Write a C++ program to solve the following problem on reversing an integer array.
   (Problem)
   (1) Use library function *rand*()%20 to fill out an integer array of 9 elements, so that their values are all between 0 and 19.
   (2) Print out the array
   (3) Write a function *reverse_array*() that takes the above array as the input and reverse it. Note that this function has to call another sub-function, *swap*() to exchange the contents of two elements in the given array using **call-by-reference**. (Not that: it is advised that the reversal is done on the place, in a sense that it does not need to use any other array as the buffer).
   (4) Print out the array after the reversal and check if it is correct.

   (Results to be displayed on the screen):
   Hello world!
   Original randomly generated Array :   1   7   14   0   9   7   18   18   2
   Array after the reversal   :   2   18   18   7   9   0   14   7   1