**Module8, Assignment 7(group part)**

**Woohyuk Yang, Salwa Mohamed, David Rider, Spencer Moran**

•Which program did your group decide on?

We found Salwa's program document is the most desirable.

•What advantages do you think that program has over the others?(be detailed)

The program written by Salwa Mohammed is straight forward so it is easy to be understood. David’s code does not match with the specific condition which is the program has to contain plural numbers when every number in the array appear only once.

Salwa , Woohyuk, and Spencer’s program work under that specific condition but Spencer’s code has few nested ‘for’ loops, which means it takes longer than a code with a single ‘for’ loop. Salwa’s and Woohyuk’s codes are composed of single ‘for’ loops and both work well but Woohyuk’s one is more complicated than Salwa’s. Salwa also commented on his code in detail also. That means that another 3rd people would be more likely to understand Salwa’s more easily when they need to maintain, fix, and manipulate the code later. So We decided Salwa’s code the best because of few advantages it has.

•What improvements do you think could be made to that program? (be detailed)

Firstly “#include <iostream>” could be deleted because it is not necessary. We are just to return the values of vector using this findMode.cpp. Including iostream is necessary when we need to print out something but we do not have to print out the values of vector here.