MIPS Assembly language homework

1. Write the following functions in MIPS assembly language.
   a) int min(int a, int b) // returns the smaller of a or b
   b) void swap(int *a, int *b) // swaps values of a and b.
      Note that the address of a and the address of b are passed as parameters.
   c) int power (int a, int b) // calculate $a^b$

2. Convert the following C function into MIPS assembly language

   ```c
   int largest (int a[], int size) {
       int lrgst = a[0];
       int i = 1;
       while (i < size) {
           if (a[i] > lrgst)
               lrgst = a[i];
           i++;
       }
       return lrgst;
   }
   ```

   PART 2:

   In addition, do problems 3.9, 3.17 from your textbook.