CS2000 Lab Statement 7

1. Develop an IntArray package to simulate an integer array. Provide user defined, default, copy constructor and overload the following operators with respect to the array class to perform operations similar as over built in types: (i) assignment operator (ii) equality check (iii) inequality (iv) array indexing operator (vi) input and output operator.

2. Extend the matrix package developed earlier to support (i) addition (ii) subtraction (iii) input and output operator (iv) multiplication. (v) assignment (vi) indexing operator. Support user defined, default and copy constructors