## ICS 102 - Home Work 4

Write a java program which does the following:

- 1. Declares 2, 1-D integer arrays called **M** and **N**, with 16 elements each.
- 2. Populates **M** and **N** using Scanner.
- 3. Prints the sum of all the elements in **M**
- 4. Prints the maximum and the minimum values in **M**
- 5. Counts the number of even and the number of odd values in **M**.
- 6. Copies the distinct values in M into another array called **P**, and then print the values in **P**.
- 7. Prints all the elements in  $\mathbf{P}$  which are not in  $\mathbf{N}$ .