## 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 $\mathbf{M}$ and $\mathbf{N}$ using Scanner.
3. Prints the sum of all the elements in $\boldsymbol{M}$
4. Prints the maximum and the minimum values in $\boldsymbol{M}$
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 $\mathbf{P}$, and then print the values in $P$.
7. Prints all the elements in $\mathbf{P}$ which are not in $\mathbf{N}$.
