

## 5 Background, Reading Part : How to use MATLAB to study the row space of a matrix $A$ ?

- Enter your matrix  $A$  in MATLAB.
- Find  $rref(A)$ .
- Non-zero rows of  $rref(A)$  form a basis for  $row(A)$ .
- Find  $rank(A)$  by typing :  $rank(A)$  it should be equal to the number of the non-zero rows of  $rref(A)$ .

**End of reading Materials**