HW Assignment 2

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# Sys.setenv(RGL\_USE\_NULL=TRUE)  
# library(tidyverse)  
library(matlib)  
library(pracma)  
library(tinytex)

$$

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$$
A^{t}A = \begin{bmatrix}1&2\\ 3&4\\ 5&6\end{bmatrix} \begin{bmatrix}1&2&3\\ 4&5&6\end{bmatrix} \ = \begin{bmatrix}5&11&17\\ 11&25&39\\ 17&39& 61\end{bmatrix}
\\ \\
Multiplication results in a 3x3 matrix}
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