

Matlab Practice

1. Write a program 'foo1.m' that does the following. Create $x=3 \times 2$ matrix of each having value 3 and $y=2 \times 3$ matrix of each having value 4. Find $z=x*y$ and find the diagonal of z . Change the diagonal elements such that second element is twice the first element and third element is twice the second element. Your final matrix should be

```
[24  24  24  
 24  48  24  
 24  24  96]
```

2. Create a program 'foo2.m' for plots. Kindly read the tutorial_plot.pdf uploaded in the gdrive and recreate plots given in examples 1,2 and 3.