Problem_16_2

November 23, 2021

```
[1]: using GFlops

     C = rand(600, 4000)
     d = rand(600);
```

```
[2]: @count_ops C\d
```

```
[2]: Flop Counter:
       fma32: 0
       fma64: 0
       add32: 0
       sub32: 0
       mul32: 0
       div32: 0
       add64: 0
       sub64: 1
       mul64: 360001
       div64: 1
       sqrt32: 0
       sqrt64: 1
```

```
[3]: total_time = 0
     for i in 1:20
         total_time = total_time + @elapsed C\d
     end
```

```
[4]: @show total_time
     @show average_time = total_time / 20
```

```
total_time = 16.7897672
average_time = total_time / 20 = 0.83948836
```

```
[4]: 0.83948836
```