

Justin Hsu
EEC 170 Lab 2
5/8/25

```
k: .word 4
A: .word -52, 47, 36, 36 # A [1x4] vector
B: .word -68 -83 -72 40, 31 20 -2 45, -14 -79 55 23, -83 21 54 22 # B[4x4] matrix stored in row major
C: .word 97, -94, 52, 45 # C[1 x 4] initialized to some random values.
```

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Starting program C:\Users\Justin\Documents\School\2024-2025\Spring Quarter\EEC 170\EEC-170-Labs\lab2_skel.S
```

```
C = 1501 3168 7574 1655
Exited with error code 0
Stop program execution!
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```

From sample.txt:

```
k: .word 4
A: .word -52, 47, 36, 36      # A [1x4] vector
B: .word -68 -83 -72 40, 31 20 -2 45, -14 -79 55 23, -83 21 54 22      # B[4x4]
matrix stored in row major
C: .word 97, -94, 52, 45     # C[1 x 4] initialized to some random values.
```

```
Results:
C = 1501 3168 7574 1655
```