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## a

```
x = 8
```

$$x = 8$$

## b

```
y = x/2
```

$$y = 4$$

## c

```
x = x*y
```

$$x = 32$$

## d

```
z = x-y*5
```

```
z =

    12
```

# e

```
vec = [1,4,3,8]

vec =

    1     4     3     8
```

# f

```
A = vec(3)

A =

    3
```

# g

```
A = A + vec(4)/vec(2)

A =

    5
```

# h

```
newvec = (y:z:x)

newvec =

    4    16    28
```

# i

```
vec(1) = newvec(2)

vec =
```

```
    16     4     3     8
```

# j

```
vec(2:4) = [x,y,A ]


vec =

    16    32     4     5
```

# Questions

a) I am a freshman studying computer engineering b) I have some experience with javascript and python c) I hope to be compotent in Matlab

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