



Pre-test N°03

Vectors in MATLAB





What will be the result of the following commands written in MATLAB

```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> a(1,-1)|
```

Fig 1 . Program N°1

```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> a(1,-2)|
```

Fig 2 . Program N°2



```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> a(1,7)

```

Workspace:

Name	Value
a	[7, -3, 4, 10, 18]

Fig 3 . Program N°3

```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> a(1, [end end-1]) = 99

```

Workspace:

Name	Value
a	[7, -3, 4, 10, 99]

Fig 4 . Program N°4



The screenshot shows the MATLAB R2014a interface. The Command Window displays the following code and output:

```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> a(1,7) = 99

```

The Workspace browser on the right shows the variable 'a' with the value [7, -3, 4, 10, 18].

Fig 5 . Program N°5

The screenshot shows the MATLAB R2014a interface. The Command Window displays the following code and output:

```

>> a = [7 -3 4 10 18]
a =
    7      -3      4      10      18
fx >> A(1,2) = -2

```

The Workspace browser on the right shows the variable 'a' with the value [7, -3, 4, 10, 18].

Fig 6 . Program N°6