```
>> %Array: adalah tipe data khusus yang ada pada matlab
>> a = {'agnes';
'usia 21';
'alamat rumah';
'seorang mahasiswa'}

a =

    'agnes'
    'usia 21'
    'alamat rumah'
    'seorang mahasiswa'

>> a(2)

ans =

    'usia 21'

>> b = ['agnes' 'mahasiswa}
 b = ['agnes' 'mahasiswa}
             |
Error: A MATLAB string constant is not terminated properly.

>> b = {'agnes' 'mahasiswa'}

b =

    'agnes'    'mahasiswa'

>> c = [2 4 6 8 10]

c =

     2     4     6     8    10

>> d = [1 2 3 4 5;
2 3 4 5 1;
3 4 5 1 2]

d =

     1     2     3     4     5
     2     3     4     5     1
     3     4     5     1     2

>> e = [1 0 2; 2 1 1; 3 1 8]

e =

     1     0     2
```

```
     2     1     1
     3     1     8

>> e(2:2)

ans =

     2

>> e(1;1)
 e(1;1)
    |
Error: Unbalanced or unexpected parenthesis or bracket.

>> e(1:1)

ans =

     1

>> e(2:1)

ans =

   Empty matrix: 1-by-0

>> e(1,1)

ans =

     1

>> e = [1 0 2; 2 1 1; 3 1 8]

e =

     1     0     2
     2     1     1
     3     1     8

>> e(2,1)

ans =

     2

>> e(1,:,2)
Index exceeds matrix dimensions.

>> e(1,:,1)
```

```
ans =

     1     0     2

>> e(3,:,1)

ans =

     3     1     8

>> e(3,3,:)

ans =

     8

>> e(2,3,:)

ans =

     1

>> e

e =

     1     0     2
     2     1     1
     3     1     8

>> e(:,3,1)

ans =

     2
     1
     8

>> e(:,3)

ans =

     2
     1
     8

>> e(1,:)

ans =

     1     0     2
```

```
>> e(1,2)

ans =

     0

>> length(c)

ans =

     5

>> c1 = [2 3 4 5 1]

c1 =

     2     3     4     5     1

>> c +c1
Error: "c" was previously used as a variable, conflicting with its use here as the
name of a function or command.
See "How MATLAB Recognizes Command Syntax" in the MATLAB documentation for details.

>> c

c =

     2     4     6     8    10

>> c1

c1 =

     2     3     4     5     1

>> c + c1

ans =

     4     7    10    13    11

>> c

c =

     2     4     6     8    10

>> c1

c1 =
```

```
     2     3     4     5     1

>> c + c1

ans =

     4     7    10    13    11

>> c - c1

ans =

     0     1     2     3     9

>> c * c1
Error using  *
Inner matrix dimensions must agree.

>> c .* c1

ans =

     4    12    24    40    10

>> c / c1

ans =

    1.6364

>> c ./ c1

ans =

    1.0000    1.3333    1.5000    1.6000   10.0000

>> c \ c1

ans =

         0         0         0         0         0
         0         0         0         0         0
         0         0         0         0         0
         0         0         0         0         0
    0.2000    0.3000    0.4000    0.5000    0.1000

>> c .\ c1

ans =
```

```
    1.0000    0.7500    0.6667    0.6250    0.1000

>> c ^ c1
Error using  ^
Inputs must be a scalar and a square matrix.
To compute elementwise POWER, use POWER (.^) instead.

>> c .^ c1

ans =

           4          64        1296       32768          10

>> c ' c1
 c ' c1
   |
Error: A MATLAB string constant is not terminated properly.

>> c .' c1
 c .' c1
     |
Error: Unexpected MATLAB expression.

>> m1 = [2 3]

m1 =

     2     3

>> m2 = [1 4]

m2 =

     1     4

>> m1 = [5 6; 7 9]

m1 =

     5     6
     7     9

>> m2 = [1 3; 24]
Error using vertcat
Dimensions of matrices being concatenated are not consistent.

>> m2 = [1 3; 2 4]

m2 =

     1     3
```

```
     2     4

>> 2*m2

ans =

     2     6
     4     8

>> det(m1)

ans =

    3.0000

>> adjoint(m2)
Undefined function 'adjoint' for input arguments of type 'double'.

>> adjoint(m1)
Undefined function 'adjoint' for input arguments of type 'double'.

>> m3 = double(m1)

m3 =

     5     6
     7     9

>> adjoint(m3)
Undefined function 'adjoint' for input arguments of type 'double'.

>> inv(m3)

ans =

    3.0000   -2.0000
   -2.3333    1.6667

Error using uiimport (line 68)
Cannot open the Import Wizard on a file while the Import Wizard is open.

>>
```