

Bootcamp : Matlab

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Part I

Courses

1 First session

It is better to put semicolons at the end of instructions. It signifies Matlab that the output of the line is not needed.

```
1 % a comment
2 d=3+5;
3 for i=1:5
4     d=d+1;
5 end
6
7 c = 4 ;
8 f = d-c;
9
10 % we can use clear to delete all or some variables.
11 % we can use load(pack_of_variables.mat, var) to only load var.
12 % to get acces to the documentation of a function, we use doc ...
```

Part II

Exercices

2 First session

```
1 baptiste = round(b * chiara + ceil(a));
2
3 t = linspace(0,20,11);
4 t = t';
5 u = linspace(0,20,21);
6
7 z = [-2;4;1;-5;10];
8 q = [3,9,0,2];
9 %z*q % That doesn't work because the vectors do not have the same dimensions
10 %q*z % That doesn't work because the vectors do not have the same dimensions
11
12 z2 = [-2;4;1;-5];
13 z2*q
14 q*z2
15 % The two vector can be multiplied as matrix as they are the same length.
```