
```
clc
clear clf
close all

7 * 9

7 + 9

5*3+4

100+100 % own example

factorial(3) % own example

%like this

log(10000)

log(3.2 * 8.5)

log(3.2) + log(8.5)

pi

a = 3*9;

str = 'Hello, world!';

disp(str);

run ../lab0/myliquid.m

for var = 1:4
    disp(var)
end

% ranges are vectors

% own examples
x = [1,2,3,4,5]
for i = x
    disp(x)
end

if pi == 3
    disp('hello')
else
    disp('goodbye')
end

ans =
```

63

ans =

16

ans =

19

ans =

200

ans =

6

ans =

9.2103

ans =

3.3032

ans =

3.3032

ans =

3.1416

Hello, world!

Calculation of the volume of liquid in a spherical tank

The tank has radius r= 1.0 meters

The liquid depth has h= 0.7 meters

V =

1.1802

The volume of liquid is V= 1.18 cubic meters

END OF VOLUME CALCULATION\n

```
1
2
3
4

x =

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

goodbye
```

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