```matlab
%个人暑假学过了 matlab 的语法，只有实时脚本这些文件操作没学过，所以就尝试了下这些
%注释这样写
%%
product = 1;
for i = 1 : 10
    product = product * i;
end
product
```

product = 3628800

```matlab
%%
x = [0.1 0.9 20 2.5;]
```

x = 1×4

    0.1000   0.9000   20.0000   2.5000

```matlab
sum = 0;
for i = 1 : 4
    sum = sum + x(i);
end
sum
```

sum = 23.5000

```matlab
%%
x=0:0.01:2*pi;
y=sin(x);
figure
plot(x,y);
title('y=sin(x)')
xlabel('x')
ylabel("sinx")
xlim([0,2*pi])
```

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