

```
::::::::::::
ex0.m
::::::::::::
a=2;
b=[1 3 5];
x=(1:4);
y=[a b x]
x=(5:-2:-4)
bob=(x)'
linda=bob(2)
```

```
::::::::::::
ex1.m
::::::::::::
base=rand(1,4);
real=base*6;
d6=ceil(real)
roll=sum(d6)-min(d6)
```

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::::::::::::
ex2.m
::::::::::::
base=rand(4,100000);
real=base*6;
d6=ceil(real);
roll=sum(d6)-min(d6);
bins=(3:18);
hist(roll,bins)
mean(roll)
median(roll)
```

```
::::::::::::
me.m
::::::::::::
biglist=xlsread('exam1scores.xls');
section=biglist(:,1);
scores=biglist(:,7);
one=(101:109);
two=(201:209);
both=[one two];
i=0;
for x=both
    i=i+1;
    idx=find(section==x);
    list=scores(idx);
    a(i)=mean(list);
end
```

```
::::::::::::
complex.m
::::::::::::
a=2+3i
b=3-1i;
c=a+b
d=a/b
```