

```
Warning: Name is nonexistent or not a directory: C:\Xilinx\Vivado\2014.2\scripts\sysgen\matlab ✓
Warning: Name is nonexistent or not a directory: C:\Xilinx\Vivado\2014.2\scripts\sysgen\matlab\plugins\compilation ✓
Warning: Name is nonexistent or not a directory: C:\Xilinx\Vivado\2014.2\lib\win64.o ✓
Warning: Name is nonexistent or not a directory: C:\Xilinx\Vivado\2014.2\lib\win64.o\matlab ✓
Warning: Name is nonexistent or not a directory: C:\Xilinx\Vivado\2014.2\examples\sysgen_demos ✓
>> x=[98;150;415]

x =

    98
   150
   415

>> y=[465;268;269]

y =

   465
   268
   269

>> ones=[1;1;1]

ones =

     1
     1
     1

>> X=[5;5;605]

X =

     5
     5
   605

>> Y=[500;100;100]

Y =

   500
   100
   100

>> A=[ones,X,Y]

A =

     1     5   500
     1     5   100
```

```
1    605    100
```

```
>> a=inv(A)*x
```

```
a =
```

```
160.7917  
  0.4417  
 -0.1300
```

```
>> b=inv(A)*y
```

```
b =
```

```
218.7417  
  0.0017  
  0.4925
```

```
>>
```