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**DEPARTMENT: CIVIL ENGINEERING**

**MATRIC NUMBER:15/ENG03/022**

**ENG381 TEST**

commandwindow

clear

clc

close all

x=0:0.001:15

y=(0.5/3600)\*(6.25\*(x.^2)-2.5\*(x.^3)+(x.^4))

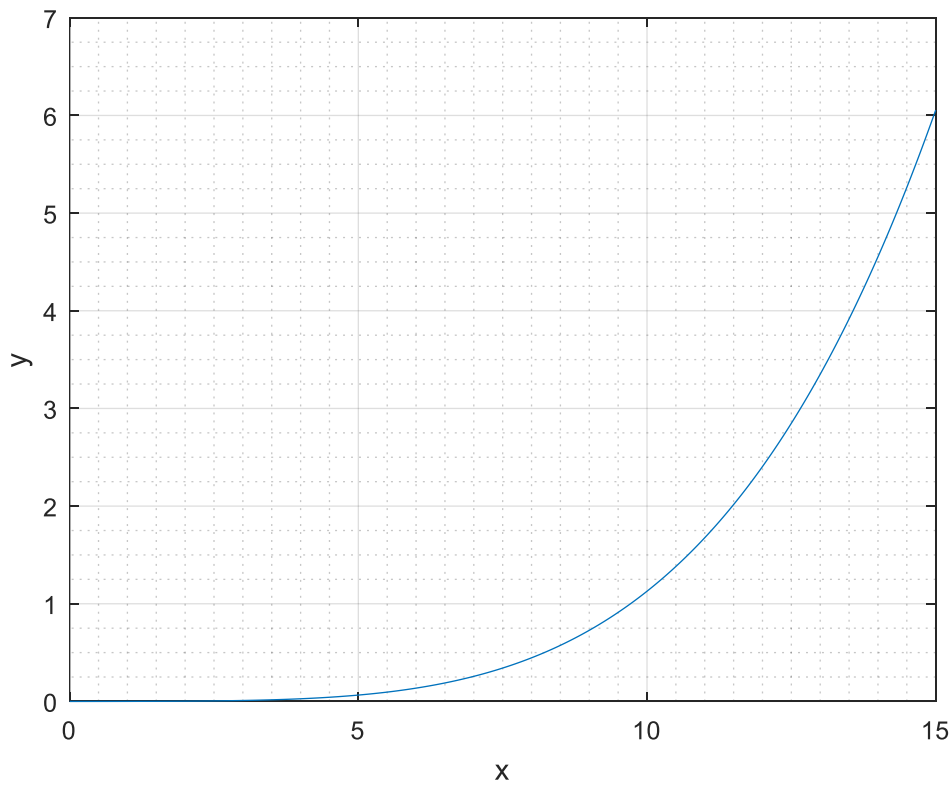
plot(x,y)

grid on

grid minor

xlabel ('x')

ylabel ('y')



TEST 2

```
commandwindow
```

```
clear
```

```
clc
```

```
close all
```

```
t=0:0.001:1
```

```
n=2.89*exp(4*t)+2.19*exp(-3*t)-12*(t.^3)+3*(t.^2)-5.5*t-0.0833
```

```
plot (t,n)
```

```
grid on
```

```
grid minor
```

```
xlabel ('t(hrs)')
```

```
ylabel ('n')
```

