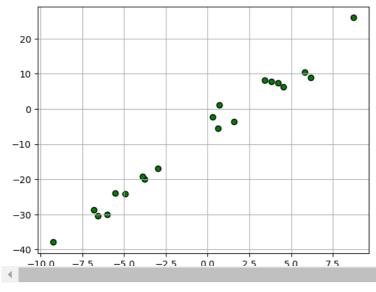
```
xvar=np.random.choice(t,size=20)
yvar=polyval([a,b],xvar)+3*randn(20)
plt.scatter(xvar,yvar,c='green',edgecolors='k')
plt.grid(True)
plt.show()
```

<ipython-input-5-8c3e5703ab08>:2: DeprecationWarning: scipy.polyval is deprecated and will be removed in SciPy 2.0.0, use numpy.poly
yvar=polyval([a,b],xvar)+3\*randn(20)

<ipython-input-5-8c3e5703ab08>:2: DeprecationWarning: scipy.randn is deprecated and will be removed in SciPy 2.0.0, use numpy.random
yvar=polyval([a,b],xvar)+3\*randn(20)



```
a1= 2.5
b1= 7
x1=np.random.choice(t,size=15)
y1=polyval([a1,b1],x1)
plt.scatter(x1,y1,c='green',edgecolors='k')
plt.grid(True)
plt.show()
```

