In [1]:
```python
import matplotlib.pyplot as plt
from scipy import stats
x=[5,7,8,7,2,17,2,9,4,11,12,9,6]
y=[99,86,87,88,111,86,103,87,94,78,77,85,86]
slope,intercept,r,p,std_err=stats.linregress(x,y)

def myfunc(x):
    return slope*x+intercept
mymodel=list(map(myfunc,x))
plt.scatter(x,y)
plt.plot(x,mymodel)
plt.show()
```
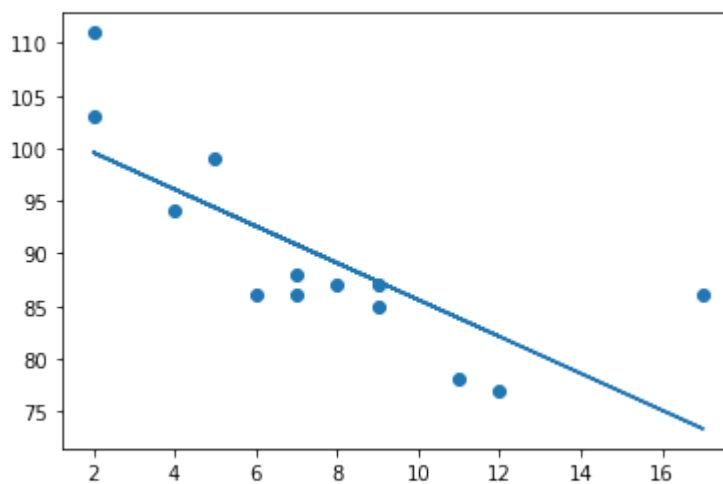
```
C:\Users\Tcs\anaconda3\lib\site-packages\scipy\__init__.py:146: UserWarning:
A NumPy version >=1.16.5 and <1.23.0 is required for this version of SciPy
(detected version 1.26.4
  warnings.warn(f"A NumPy version >={np_minversion} and <{np_maxversion}"
```


In [ ]: