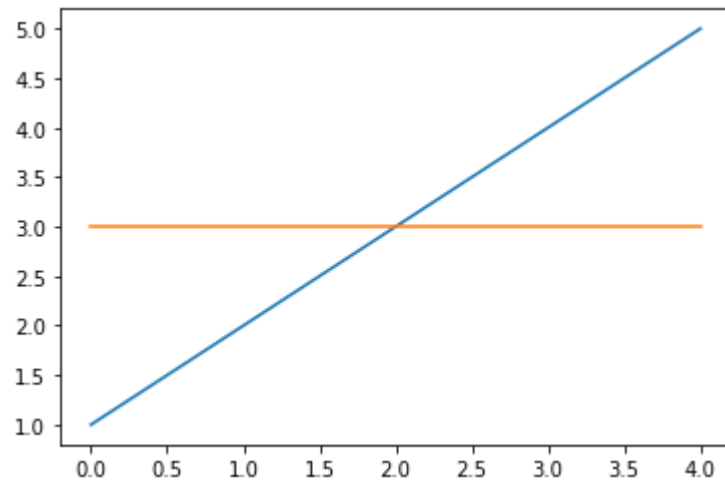In [8]:
```python
import matplotlib.pyplot as plt
import pandas as pd
```

In [7]:
```python
x=(1,2,3,4,5)
y=(3,3,3,3,3)
plt.plot(x)
plt.plot(y)
plt.show()
```


In [ ]:
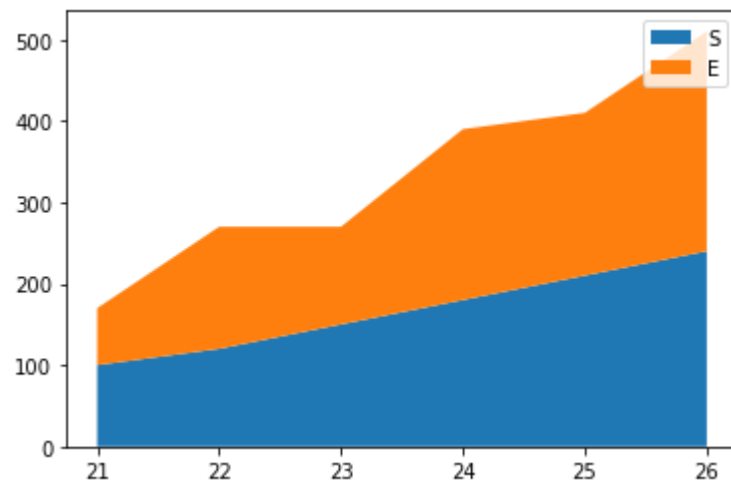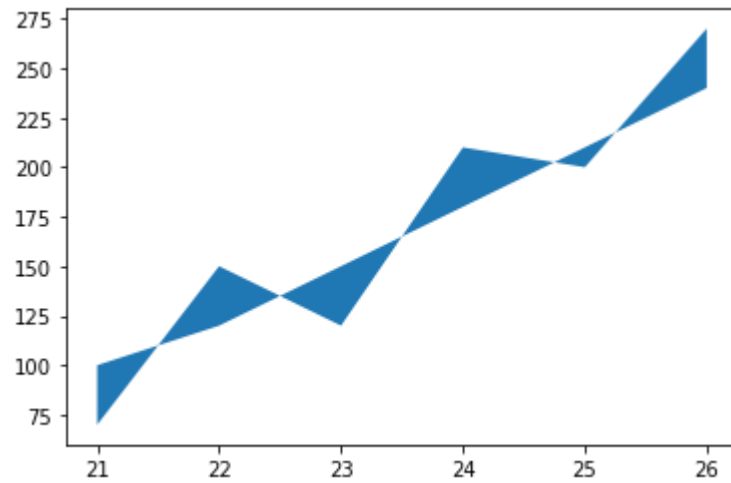```python

```

In [11]:
```python
data={'year':[21,22,23,24,25,26],
      'sale':[100,120,150,180,210,240],
      'expanse':[70,150,120,210,200,270]}
df=pd.DataFrame(data)
print(df)
```

```
   year  sale  expanse
0    21   100       70
1    22   120      150
2    23   150      120
3    24   180      210
4    25   210      200
5    26   240      270
```
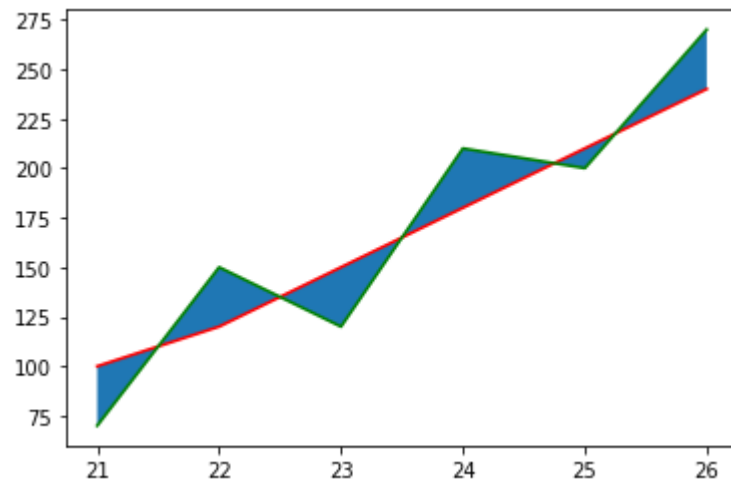
In [21]:
```python
plt.stackplot(df.year,df.sale,df.expanse,labels=['S','E'])
plt.legend()
plt.show()
```

In [23]:
```python
1  plt.fill_between(df.year,df.sale,df.expanse)
```


In [27]:
```python
1  plt.fill_between(df.year,df.sale,df.expanse)
2  plt.plot(df.year,df.sale,color='red')
3  plt.plot(df.year,df.expanse,color='green')
4  plt.show()
```
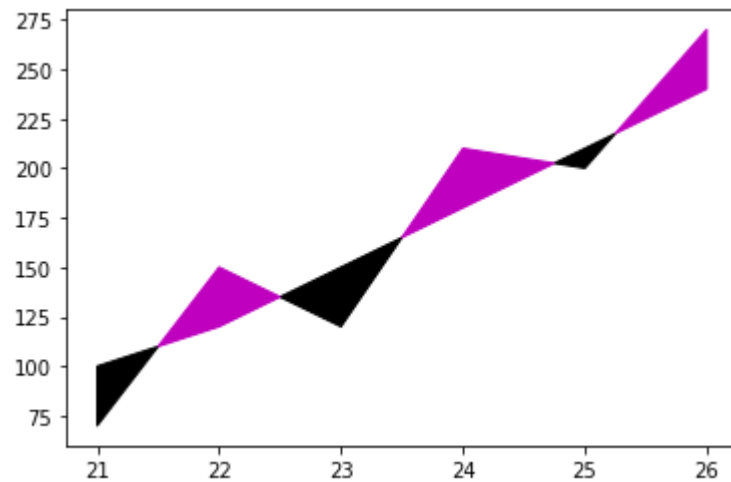
In [ ]: 1

In [37]:
```python
plt.fill_between(df.year,df.sale,df.expanse,
                 where=df.sale>df.expanse,color='black',interpolate=True)
plt.fill_between(df.year,df.sale,df.expanse,
                 where=df.sale<df.expanse,color='m',interpolate=True)
plt.show()
```


In [ ]: 1