

```
In [1]: import matplotlib.pyplot as plt
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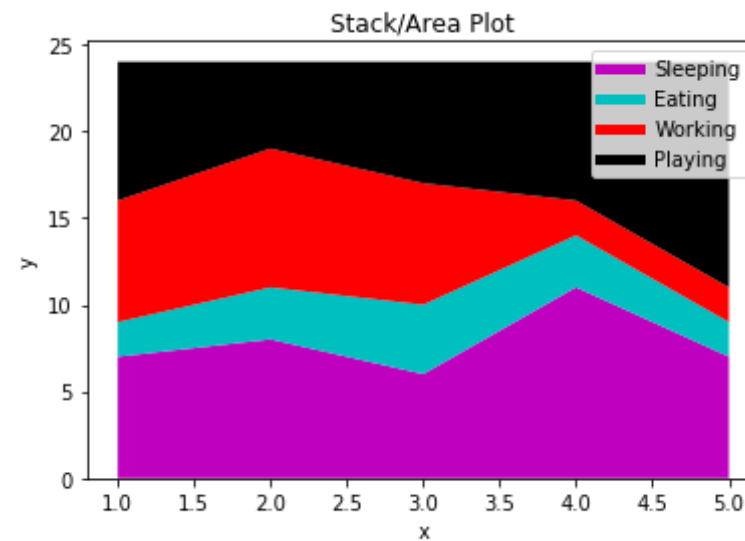
```
In [2]: days = [1,2,3,4,5]
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In [3]: sleeping = [7,8,6,11,7]
        eating = [2,3,4,3,2]
        working = [7,8,7,2,2]
        playing = [8,5,7,8,13]
```

```
In [4]: plt.plot([],[],color='m',label='Sleeping',linewidth=5)
        plt.plot([],[],color='c',label='Eating',linewidth=5)
        plt.plot([],[],color='r',label='Working',linewidth=5)
        plt.plot([],[],color='k',label='Playing',linewidth=5)

        plt.stackplot(days,sleeping,eating,working,playing,colors=['m','c','r',
        'k'])

        plt.xlabel('x')
        plt.ylabel('y')
        plt.title('Stack/Area Plot')
        plt.legend()
        plt.show()
```



In []: