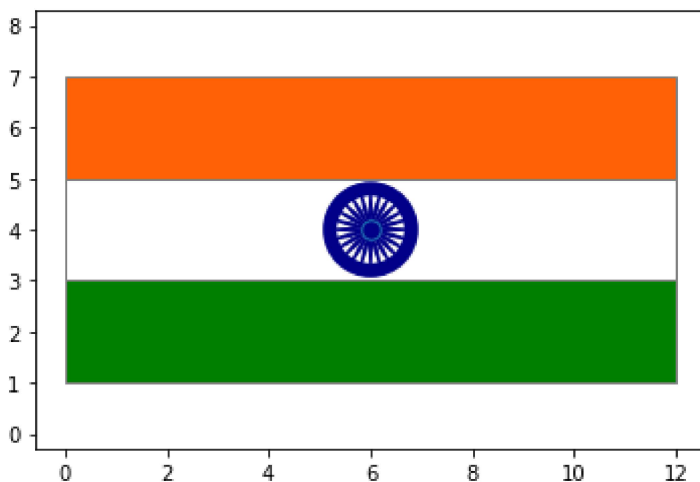


In [1]:

```
import numpy as np
import matplotlib.pyplot as py
import matplotlib.patches as pat
```

In [20]:

```
a=pat.Rectangle((0,1),width=12,height=2,facecolor="green",edgecolor="grey")
b=pat.Rectangle((0,3),width=12,height=2,facecolor="white",edgecolor="grey")
c=pat.Rectangle((0,5),width=12,height=2,facecolor="#FF6103",edgecolor="grey")
m,n=py.subplots()
n.add_patch(a)
n.add_patch(b)
n.add_patch(c)
radius=0.8
py.plot(6,4,marker="o",markerfacecolor="#000088ff",markersize=9.5)
chakra=py.Circle((6,4),radius,color="#000088ff",fill=False,linewidth=7)
n.add_artist(chakra)
for i in range(0,24):
    p=6+radius/2*np.cos(np.pi*i/12+np.pi/48)
    q=6+radius/2*np.cos(np.pi*i/12-np.pi/48)
    r=4+radius/2*np.sin(np.pi*i/12+np.pi/48)
    s=4+radius/2*np.sin(np.pi*i/12-np.pi/48)
    t=6+radius*np.cos(np.pi*i/12)
    u=4+radius*np.sin(np.pi*i/12)
    n.add_patch(pat.Polygon([[6,4],[p,r],[t,u],[q,s]],fill=True,closed=True,color="#000088f
py.axis("equal")
py.show()
```



In [ ]: