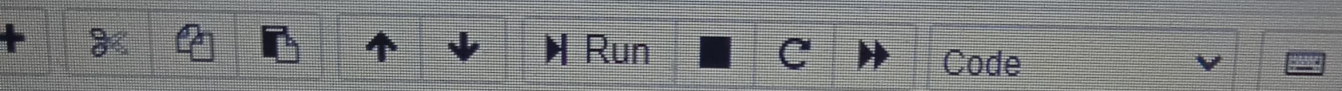


localhost:8889/notebooks/Untitled18.ipynb?kernel\_name=python3

Jupyter Untitled18 Last Checkpoint: 27 minutes ago (unsaved changes)

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```
In [5]: # importing libraries
from mpl_toolkits import mplot3d
import numpy as np
import matplotlib.pyplot as plt
# defining surface and axes
x=np.outer(np.linspace(-2,2,10),np.ones(10))
y=x.copy().T
z=np.cos(x**2+y**3)
fig=plt.figure()
#syntax for 3-d plotting
ax=plt.axes(projection="3d")
# syntax for plotting
ax.plot_surface(x,y,z,cmap="viridis",edgecolor="green")
ax.set_title("surface plot python.hub")
plt.show()
```

surface plot python.hub

