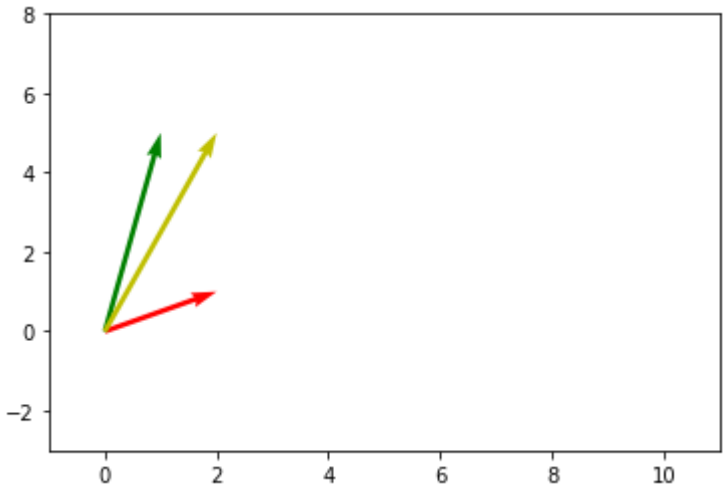
```
import numpy as np
import matplotlib.pyplot as plt
v1=[2,1]
v2=[1,5]
v=np.array(v1)
w=np.array(v2)
vw=v*w
print("vectors from list 1:")
print(v)
print("vectors from list 2:")
print(w)
print("Addition of 2 vectors")
print(vw)
origin=[0,0]
fig, ax =plt.subplots()
ax.set_xlim(-1, 11)
ax.set_ylim(-3, 8)
ax.quiver(origin[0], origin[1], v[0],v[1], angles='xy',scale_units='xy', scale=1, c
ax.quiver(origin[0], origin[1], w[0],w[1], angles='xy',scale_units='xy', scale=1,co
ax.quiver(origin[0], origin[1], vw[0],vw[1], angles='xy',scale_units='xy', scale=1,
plt.show
```

```
vectors from list 1:
[2 1]
vectors from list 2:
[1 5]
Addition of 2 vectors
[2 5]
<function matplotlib.pyplot.show(*args, **kw)>
```



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