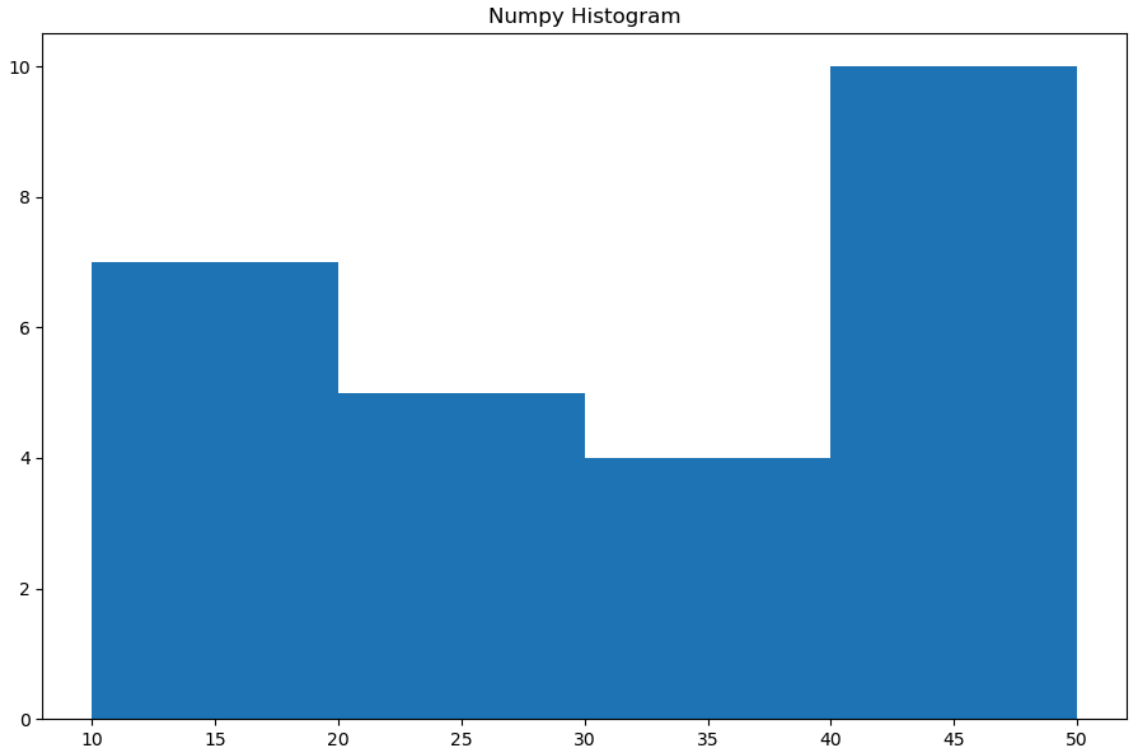
In [1]:
```
!pip install matplotlib
```

```
Requirement already satisfied: matplotlib in d:\anaconda3\lib\site-package
s (3.7.2)
Requirement already satisfied: contourpy>=1.0.1 in d:\anaconda3\lib\site-p
ackages (from matplotlib) (1.0.5)
Requirement already satisfied: cycler>=0.10 in d:\anaconda3\lib\site-packa
ges (from matplotlib) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in d:\anaconda3\lib\site-
packages (from matplotlib) (4.25.0)
Requirement already satisfied: kiwisolver>=1.0.1 in d:\anaconda3\lib\site-
packages (from matplotlib) (1.4.4)
Requirement already satisfied: numpy>=1.20 in d:\anaconda3\lib\site-packag
es (from matplotlib) (1.24.3)
Requirement already satisfied: packaging>=20.0 in d:\anaconda3\lib\site-pa
ckages (from matplotlib) (23.1)
Requirement already satisfied: pillow>=6.2.0 in d:\anaconda3\lib\site-pack
ages (from matplotlib) (9.4.0)
Requirement already satisfied: pyparsing<3.1,>=2.3.1 in d:\anaconda3\lib\s
ite-packages (from matplotlib) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in d:\anaconda3\lib\si
te-packages (from matplotlib) (2.8.2)
Requirement already satisfied: six>=1.5 in d:\anaconda3\lib\site-packages
(from python-dateutil>=2.7->matplotlib) (1.16.0)
```

In [4]:
```
#we can draw the array,list as graph using pyplot

from matplotlib import pyplot as plt #package to draw the graph
import numpy as np

a=np.random.randint(100,size=(50))
#creating canvas
fig=plt.figure(figsize=(11,7))
plt.hist(a,bins=[10,20,30,40,50])
plt.title("Numpy Histogram")
plt.show()
```



In [ ]: