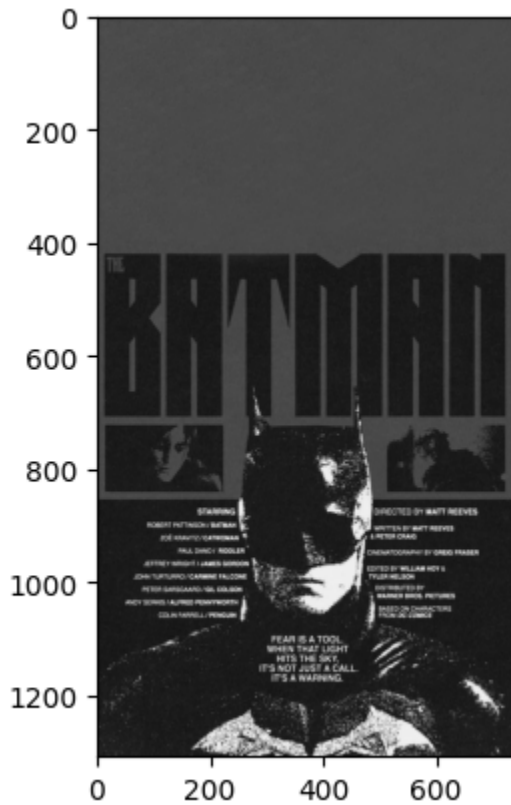
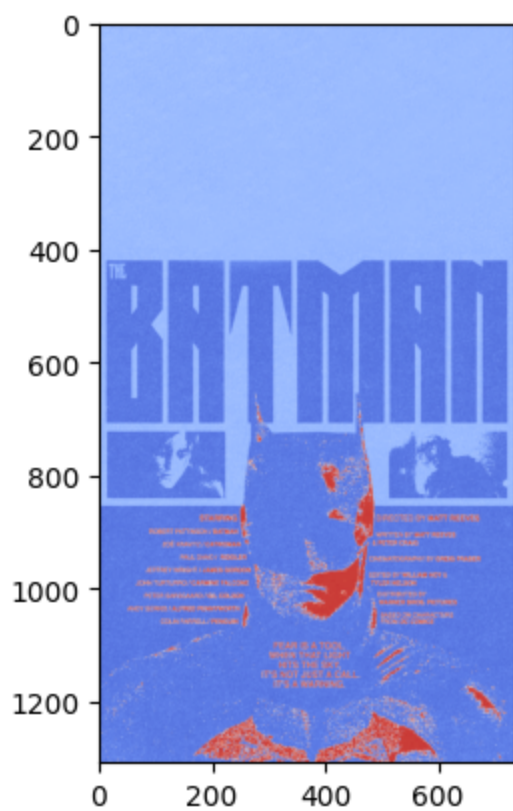


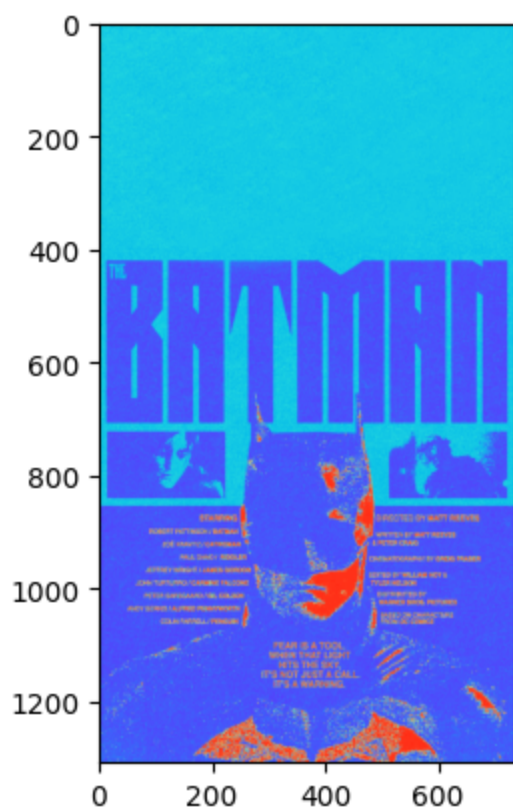
```
In [28]: import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
fname= r'download (1).jpg'
image=Image.open(fname).convert('L')
plt.imshow(image,cmap='grey')
plt.show()
```



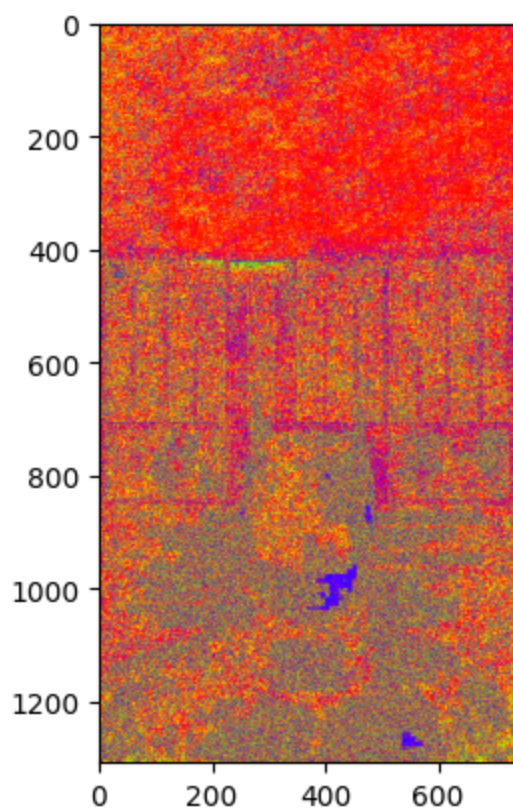
```
In [29]: import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
fname= r'download (1).jpg'
image=Image.open(fname).convert('L')
plt.imshow(image,cmap='coolwarm')
plt.show()
```



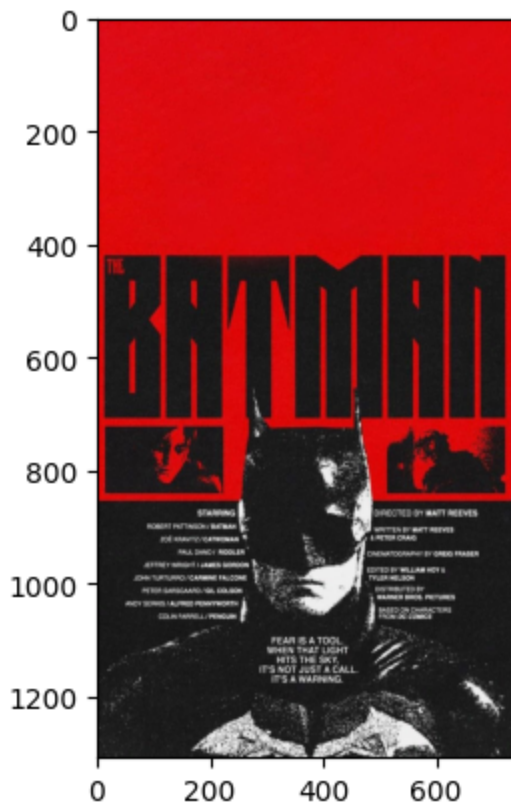
```
In [32]: import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
fname= r'download (1).jpg'
image=Image.open(fname).convert('L')
plt.imshow(image,cmap='rainbow')
plt.show()
```



```
In [33]: import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
fname= r'download (1).jpg'
image=Image.open(fname).convert('L')
plt.imshow(image,cmap='prism')
plt.show()
```



```
In [61]: import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
fname= r'download (1).jpg'
image=Image.open(fname)
plt.imshow(image)
plt.show()
plt.()
```



```
-----
AttributeError                                Traceback (most recent call last)
Cell In[61], line 8
      6 plt.imshow(image)
      7 plt.show()
----> 8 plt.save_fig()
```

AttributeError: module 'matplotlib.pyplot' has no attribute 'save_fig'

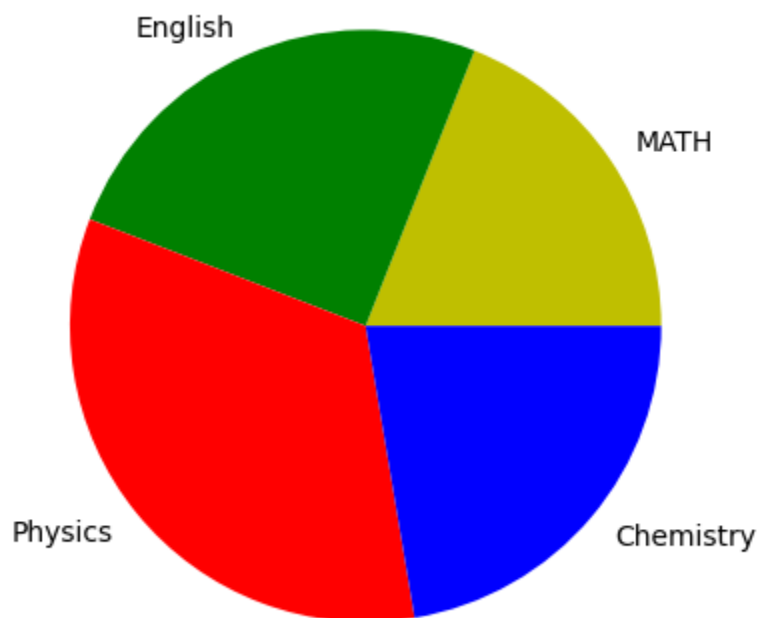
Pie Graph

```
In [41]: import matplotlib.pyplot as plt
```

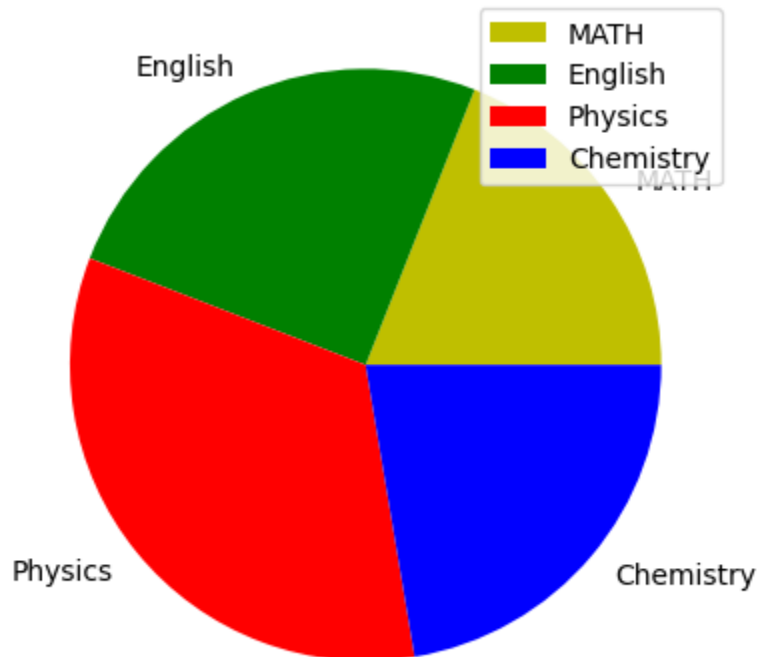
```
In [48]: y=['MALE','FEMALE']
          x=[60,40]
          plt.pie(x , labels=y)
          plt.show()
```



```
In [53]: y=['MATH','English','Physics','Chemistry']  
x=[34,45,60,40]  
c=['y','g','r','b']  
plt.pie(x , labels=y, colors=c)  
plt.show()
```



```
In [55]: y=['MATH','English','Physics','Chemistry']  
x=[34,45,60,40]  
c=['y','g','r','b']  
plt.pie(x , labels=y, colors=c)  
plt.legend()  
plt.show()
```



In []: