ASSIGNMENT

Course Code: **CSE221**

Course Title: Object Oriented Program

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Code:

```python
from wordcloud import WordCloud, STOPWORDS ,
ImageColorGenerator
import pandas as pd
import matplotlib.pylab as plt
from PIL import Image
import numpy as np

stopwords = set(STOPWORDS)
mask = np.array(Image.open('Prottoy.jpg'))


data_file = pd.read_csv('text.csv')

wordcloud = WordCloud(stopwords = stopwords , width=1600 ,
height=800,mask=mask,background_color="black",colormap="Set3").g
enerate(''.join(data_file['text']))

background_image = Image.open('DIU1.png')
background_array = np.array(background_image)


plt.figure(figsize=(10, 10))
plt.imshow(background_array, interpolation='bilinear')
plt.imshow(wordcloud, interpolation='bilinear', alpha=0.7)
plt.axis('off')
plt.show()
```

Output: