

ASSIGNMENT

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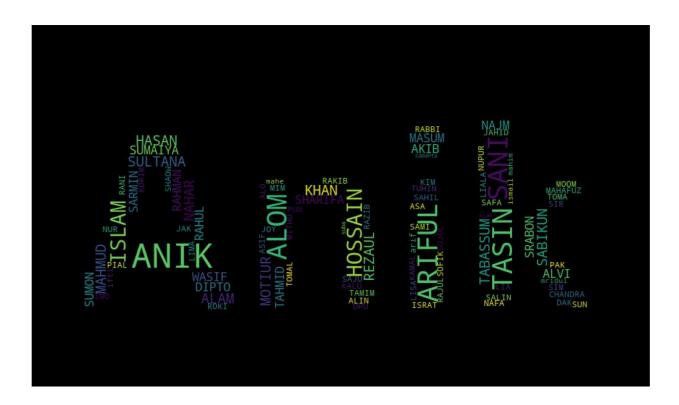
Course Name:- Object Oriented Programming

Course Code: CSE - 221

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```
C:\Users\TASIN\Desktop\python programing\WordCloud.py
      from wordcloud import WordCloud, STOPWORDS
      import numpy as np
      import matplotlib.pyplot as plt
      import PIL.Image
      text = """
      HOSSAIN ISLAM SULTANA KHAN HASAN ANIK REZAUL TABASSUM SABIKUN NAHAR
      MOTIUR ALAM MAHMUD SUMAIYA ARIFUL SHARIFA NAJM TAHMID AKIB RAHMAN WASIF
      SARMIN ANIK SRABON ALVI MASUM SUMON ARIFUL DIPTO RAHUL CHANDRA SAHIL
      ALOM ALIN SALIN ANIK ALO KALU ASA JOY MIM KIM SIM JAK PAK DAK SIR SUN
      PUN MOOM SANI NAFA SAFA RABBI SHAOW TASIN MAHAFUZ TUHIN TAMIM JAHID
      TOMA ISRAT IMO LIKE RAKIB ROKI RAZIB RAJUL SAJU SOJOL NUPUR NUR RANI
      OPU PIAL SAMI ALOM ASIF TOMAL KAMAL KORIM SOFIK LIALA LIA LIMA LISA MITHU
      tasin arif ifti mridul mahe mahim sani ismail samanta suba siam
 14
      python_mask = np.array(PIL.Image.open("Anik.png"))
      wc = WordCloud(stopwords=STOPWORDS,
                      mask=python_mask,
                      background_color="black").generate(text)
      plt.imshow(wc)
      plt.axis("off")
      plt.show()
```

Output:



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