



**Daffodil**  
*International*  
**University**

## **Assignment**

**Course Title:** Object Oriented Programming

**Course Code:** CSE 221

**Topic name:** Assignment 1

### **Submitted To:**

Name: Shahriar Hossain Shanto

Designation: Lecturer

Department of CSE

Daffodil International University

### **Submitted By:**

Name: Minhas Hossain

ID: 0242310005101467

Section: 64\_K

Department of CSE

Daffodil International University

Date of Submission: 08.12.2024

## Code

---

```
from wordcloud import WordCloud
import matplotlib.pyplot as plt
import numpy as np
from PIL import Image

mask_image =
np.array(Image.open('arif.png'))

with open('CSE_64_K.txt', 'r', encoding='utf-8') as file:
    text = file.read()

wordcloud = WordCloud(
    mask=mask_image,
    contour_color='#2A3439',
    contour_width=1,
    background_color='black',
    width=800, height=800,
    repeat=True,
    max_words=500,
    colormap='tab20c_r'
).generate(text)

plt.figure(figsize=(50, 50))
plt.imshow(wordcloud,
interpolation='bilinear')
plt.axis('off')
plt.show()
```

## Mask Image

# MINHAS

## Output Image

---

