



Daffodil
International
University

ASSIGNMENT

Course Code: CSE 221

Course Title: Object Oriented Programming

Topic Name: Name ART

Submitted To:

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Designation: Lecturer

Department: Department of CSE

Daffodil International University

Submitted By:

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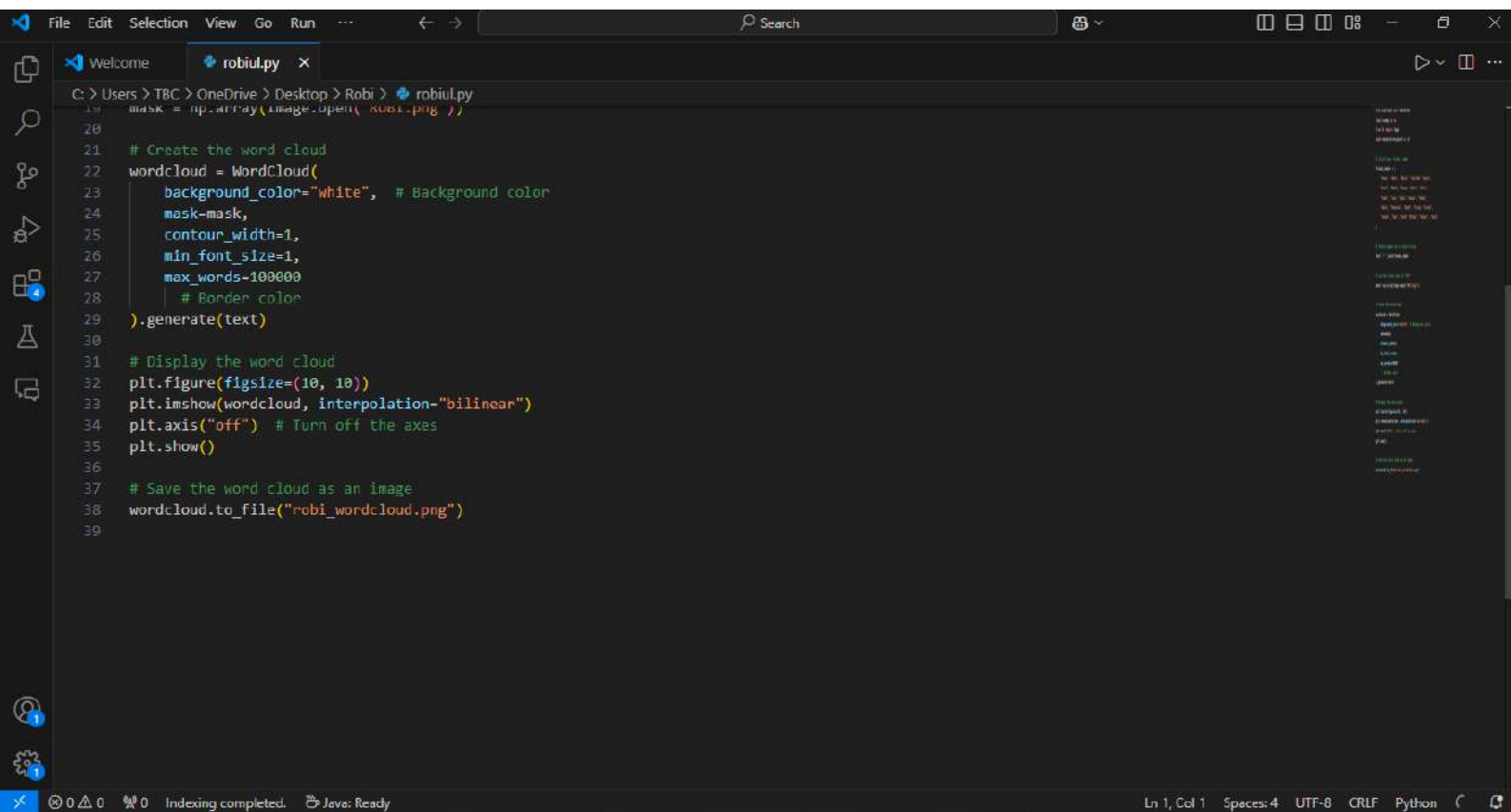
Semester: 4th

Department: Department of CSE

Daffodil International University

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```
File Edit Selection View Go Run ... Search
Welcome robiul.py x
C:\Users> TBC > OneDrive > Desktop > Robi > robiul.py
1 from wordcloud import WordCloud
2 import numpy as np
3 from PIL import Image
4 import matplotlib.pyplot as plt
5
6 # List of your friends' names
7 friends_names = [
8     "Masum", "Rakib", "Maruf", "Taslima", "Ayshi",
9     "Maruf", "Rakib", "Hasan", "Abin", "Nafiz",
10    "Disha", "Luna", "Sani", "Shuvo", "Darda",
11    "Sadia", "Mimtanna", "Galib", "Priya", "Arshi",
12    "Aronna", "Saad", "Anik", "Onthy", "Basher", "Galib"
13 ]
14
15 # Combine names into a single string
16 text = " ".join(friends_names)
17
18 # Load the shape image of "ROBI"
19 mask = np.array(Image.open("ROBI.png"))
20
21 # Create the word cloud
22 wordcloud = WordCloud(
23     background_color="white", # Background color
24     mask=mask,
25     contour_width=1,
26     min_font_size=1,
27     max_words=100000
28     | # Border color
29 ).generate(text)
30
31 # Display the word cloud
32 plt.figure(figsize=(10, 10))
```



ROBI

ROBB

Maruf Ayshi Anik Disha Mimtanna Luna Saad Shuvo Masum Nafiz Hasan Sadia Rakib Aronna Sani Darda Taslima Abir Onthy

Arshi Basher Priya Galib