Task - 22

```
# task - 22

# 1.Read a jpeg image and print the image file
from PIL import Image, ImageFilter
img = Image.open('tree.jpg')
filter_image = img.filter(ImageFilter.BLUR)
filter_image.save("tree.jpg","png")
print(img.format)
output :-

PNG

filter_img = img.convert('L')
crooked = filter_img.rotate(180)
resize = filter_img.resize((300,300))
crooked.save("tree.png","jpeg")
print(img.format)

output :-
```

JPEG

```
# 2.Merge two pdf files using python script
import PyPDF2
temp = PyPDF2.PdfFileReader(open(r'D:\Mohit\college work\Best Enlist\Task - 19\task
k-19.pdf','rb'))
water = PyPDF2.PdfFileReader(open(r'D:\Mohit\college work\Best Enlist\Task - 20\task
k-20.pdf','rb'))
output = PyPDF2.PdfFileWriter()
for i in range(temp.getNumPages()):
    page = temp.getPage(i)
    page.mergePage(water.getPage(0))
    output.addPage(page)
    with open(r'D:\Mohit\college work\Best Enlist\Task - 21\task-21.pdf','wb') as file:
    output.write(file)
with open(r'D:\Mohit\college work\Best Enlist\Task - 19\task-19.pdf','rb') as file:
    reader = PyPDF2.PdfFileReader(file)
```

```
print(reader.numPages)
print(reader.getPage(0))
```

output : -

```
1
{'/Type': '/Page', '/Parent': IndirectObject(4, 0), '/MediaBox': [0, 0, 612, 792]
, '/Resources': {'/ProcSet': ['/PDF', '/Text', '/ImageC'], '/Font': {'/F0': IndirectObject(12, 0), '/F1': IndirectObject(13, 0), '/F2': IndirectObject(14, 0)}, '/
XObject': {'/Image0': IndirectObject(8, 0), '/Image1': IndirectObject(9, 0)}, '/P
attern': {'/P1': IndirectObject(19, 0)}, '/ColorSpace': IndirectObject(3, 0), '/E
xtGState': IndirectObject(20, 0)}, '/Contents': IndirectObject(7, 0), '/Group': {
'/Type': '/Group', '/S': '/Transparency', '/CS': '/DeviceRGB'
```

```
# 3. Scrape a website and store the data into DB.

import requests
from bs4 import BeautifulSoup
import mysql.connector
mydb = mysql.connector.connect(
host="localhost",
user="root",
password="hello",
database = "mydatabase",
))
se = mydb.cursor()
url_to_scrape = 'http://127.0.0.1:8000/'
plain_html_text = requests.get(url_to_scrape)
soup = BeautifulSoup(plain_html_text.text, "html.parser")
print(soup.prettify())
```

output :-

```
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8"/>
<meta content="width=device-width, initial-scale=1" name="viewport"/>
<!-- Bootstrap CSS -->
<link crossorigin="anonymous" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.
1/dist/css/bootstrap.min.css" integrity="sha384-
+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOI7+AMvyTG2x" rel="stylesheet"/>
<title></tiber>
```

```
TextUtils!
</title>
</head>
<body>
<nav class="navbar navbar-expand-lq navbar-dark bq-primary">
<div class="container">
<a class="navbar-brand" href="#">
TextUtils
</a>
<button aria-controls="navbarScroll" aria-</pre>
expanded="false" aria label="Toggle navigation" class="navbar-toggler" data-
bs target="#navbarScroll" data-bs-toggle="collapse" type="button">
<span class="navbar-toggler-icon">
</span>
</button>
<div class="collapse navbar-collapse" id="navbarScroll">
height: 100px;">
<a aria-current="page" class="nav-link" href="\">
Home
</a>
class="nav-item">
<a class="nav-link" href="https://github.com/rahulmyakal">
GitHub
</a>
<a class="nav-link" href="https://www.linkedin.com/in/rahul-myakal 7b1a311bb/">
LinkedIn
</a>
class="nav-item dropdown">
<a aria-expanded="false" class="nav-link dropdown-toggle" data-
bs toggle="dropdown" href="#" id="navbarScrollingDropdown" role="button">
Contact Us
</a>
<a class="dropdown-item" href=" #">
via E-mail
</a>
<a class="dropdown-item" href="#">
via Phone No.
</a>
```

```
<form action="/analyser" class="d-flex" method="POST">
<input name="csrfmiddlewaretoken" type="hidden" value="RvBClnjOVgNSyjs3q0fK
WOfh3r5VtPdF3Gymev2Q9a0WFVk0gCkMl0TZeHecHf9h"/>
<input aria-label="Search" class="form-</pre>
control me 2" placeholder="Search" type="search"/>
<button class="btn btn-outline-success" type="submit">
Search
</button>
</form>
</div>
</div>
</nav>
<div class="container">
<div class="alert alert-warning alert-dismissible fade show" role="alert">
<strona>
Welcome to TextUtils!
</strong>
you can do whatever with Textutils
<button aria-label="Close" class="btn-close" data-bs dismiss="alert" type="button">
</button>
</div>
<label class="form-label" for="exampleFormControlTextarea1">
Text to be Enter
</label>
<textarea class="form control" id="exampleFormControlTextarea1" name="text" row
s="07"></textarea>
<div class="form-check form-switch mt-2">
<input class="form-
check input" id="flexSwitchCheckChecked1" name="to capital" type="checkbox"/>
<label class="form-check-label" for="flexSwitchCheckChecked1">
Captilaisation
</label>
</div>
<div class="form-check form-switch">
<input class="form-
check input" id="flexSwitchCheckChecked2" name="to_removepunct" type="checkb
ox"/>
<label class="form-check-label" for="flexSwitchCheckChecked2">
Remove Punctuations
</label>
</div>
<div class="form-check form-switch">
```

```
<input class="form-
check input" id="flexSwitchCheckChecked3" name="to count words" type="checkb
<label class="form-check-label" for="flexSwitchCheckChecked3">
Length of the Given Input
</label>
</div>
<div class="form-check form-switch">
<input class="form-
check input" id="flexSwitchCheckChecked4" name="to_remove_newline" type="che
ckbox"/>
<label class="form-check-label" for="flexSwitchCheckChecked4">
Remove New Line
</label>
</div>
<div class="form-check form-switch">
<input class="form-
check input" id="flexSwitchCheckChecked5" name="to_remove_extraspace" type="
checkbox"/>
<label class="form-check-label" for="flexSwitchCheckChecked5">
Remove Extra Space
</label>
</div>
<button class="btn btn-warning mt-2" type="submit">
START
</button>
</div>
<!-- Optional JavaScript; choose one of the two! -->
<!-- Option 1: Bootstrap Bundle with Popper -->
<script crossorigin="anonymous" integrity="sha384-</pre>
gtEjrD/SeCtmISkJkNUaaKMoLD0//EIJ19smozuHV6z3lehds+3Ulb9Bn9Plx0x4" src="h
ttps://cd
n.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bundle.min.js">
</script>
<!-- Option 2: Separate Popper and Bootstrap JS -->
<!--
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/poppe</pre>
r.min.js" integrity="sha384-
IQsoLXI5PILFhosVNubq5LC7Qb9DXqDA9i+tQ8Zi3iwWAwPtqFTxbJ8NT4GN1R8p" c
rossorigin="an
onymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.m</pre>
in.js" integrity="sha384-
Atwg2Pkwv9vp0ygtn1JAojH0nYbwNJLPhwyoVbhoPwBhjQPR5VtM2+xf0Uwh9KtT" c
rossorigin="an
onymous"></script>
-->
</body>
```