

STUDY BUDDY

A

Project Report

Submitted in partial fulfilment of the
Requirements for the award of the Degree of

BACHELOR OF ENGINEERING
IN
INFORMATION TECHNOLOGY
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DECLARATION BY THE CANDIDATES

We, **Shruthi katepalli, Ananya. M, Sragvi** bearing hall ticket number **1602-19-737-105, 1602-19-737-067, 1602-19-737-098** hereby declare that the project report entitled "**STUDY BUDDY**" under the guidance of **Kezia Rani, Haseeba Yaseen , Mukesh Tripathi** Assistant Professors, Department of Information Technology, Vasavi College of Engineering, Hyderabad, is submitted in fulfillment of the requirement of MINI PROJECT of V semester of Bachelor of Engineering in Information Technology.

This is a record of bonafide work carried out by us and the results embodied in this project report have not been submitted to any other university or institute for the award of any other degree or diploma.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “STUDY BUDDY” was submitted by **Shruthi Katepalli, Ananya. M, Sragvi** bearing hall ticket numbers **1602-19-737-105, 1602-19-737-067, 1602-19-737-098** in fulfilment of the requirements for the completion of **MINI PROTECT of V semester** of Bachelor of Engineering in Information Technology is a record of bonafide work carried out by them under my guidance.

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CHAPTER 1

1.1 ABSTRACT

Students taking an online course are lacking the motivation to finish the course intime and are unable to reap the entire course. In face-to-face sessions, every instructor has his or her own method of teaching. Each varies in approach and style and is susceptible to mistakes.

Thus we introduce to you an E - Learning web app “Study Buddy” to resolve these issues as each learner has unique preferences and learning goals. E-learning makes it possible to cater to individual needs. It allows learners to choose their learning path and navigate at their own pace. When they decide what to learn and when, they remain invested in the course as we provide in-time reminders to track student’s progress.

This project is a web-based application for e-learning programs and training contents. A student can sign up for an account then login and select the course from the available options. Once they register for a respective course, the student can access the course videos and materials and students can refer to the books and materials provided, and a quiz shall be conducted after which the total score of the student is shown. Thus, the overall skills of a learner can be enhanced using these various features mentioned and facilitates better learning experience.

1.2 Introduction

1.2.1 Problem Statement

With the advent of technology, life has fast paced. Most of the age-old systems are being upgraded in sync with the latest technological assets. But the e-learning platform is making learning less engaging and, in the process, less effective.

Users taking an online course are lacking the motivation to finish the course intime and are unable to reap the entire course.

Resolving these issues not only helps to facilitate easier access to notes for the students but also helps them improve their competitive spirit.

The main objective of e-Learning is to help the students get over the traditional methods of learning and make them accustomed to the internet where the notes for their respective subjects are easily available and the interactivity is not forsaken.

1.2.2 Purpose Specific to your project

The main aim of our project is, In the digital world of learning, Study buddy is an e-learning platform which aims at helping the users keep up with the fast pace of learning and supports interactive learning.

The new system will encourage learners to learn more and improve their knowledge. Learners get a bulk quantity of videos on You tube, but it is difficult to understand as there will be no correct guidance. And no material for further reference is given. Our application provides clear guidance for any type of learner: starting from video lecturers to quizzes, and books for their further study.

Our project helps the user to learn about the course, they enrolled and the certification will be given if the course is completed. It is budget friendly as it is free of cost.

1.3 System Requirements

1.3.1 Hardware Requirements

- ❖ A PC with an internet connection.
- ❖ 1GB RAM
- ❖ 1GB CORE

1.3.2 Software Requirements

- ❖ **Operating system**

Windows operating system is chosen for its best support and user-friendliness.

- ❖ **Front End**

Using Html, CSS, and JavaScript(Text editor and web browser).

- ❖ **Back End**

SQL

- ❖ **Programming language:** Python.

CHAPTER 2

Related Work

Research:

Coursera/Udemy/Unacademy.

These are the most trusted and visited websites for online learners. These platforms have more than 40 million students, 155,000 courses and 70,000 instructors teaching courses in over 65 languages. There have been over 480 million course enrolments. Some of them are paid courses and some are free one.

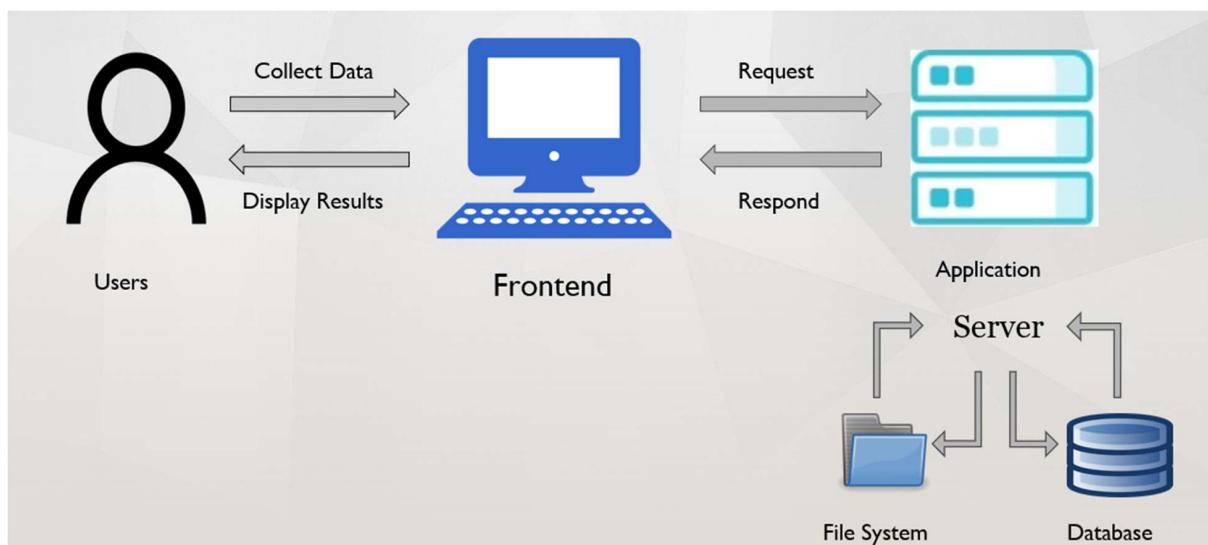
In all these platforms assessments are conducted through multiple choice questions which can be attempted during any time of the course to earn a course completion certificate.

We can improve the areas like discussion forums and adding notes section for each user.

CHAPTER 3

Proposed Work

3.1 Architecture Diagram



3.2 Technologies Used

Front end:

- ❖ HTML
- ❖ CSS
- ❖ JavaScript

Back end:

- ❖ Django

Django is a free and open-source web framework, written in Python, which follows the model-view-template architectural pattern. It is maintained by the Django Software Foundation, an independent organization established as a 501.

The primary goal of Django is to make the development of complex, data-based websites easier. Thus, Django emphasizes the reusability and pluggability of components to ensure rapid developments.

Model:

Model is a single, definitive data source which contains the essential field and behaviour of the data. Usually, one model is one table in the database. Each attribute in the model represents a field of a table in the database. Django provides a set of automatically-generated database application programming interfaces (APIs) for the convenience of users.

View:

View is a short form of view file. It is a file containing a Python function which takes web requests and returns web responses. A response can be HTML content or XML documents or a “404 error” and so on. The logic inside the view function can be arbitrary as long as it returns the desired response. To link the view function with a particular URL we need to use a structure called URL conf which maps URLs to view functions.

Template:

Template Django’s template is a simple text file which can generate a text-based format like HTML and XML. The template contains variables and tags. Variables will be replaced by the result when the template is evaluated. Tags control the logic of the template. We also can modify the variables by using filters. For example, a lowercase filter can convert the variable from uppercase into lowercase.

Database:

- ❖ SQL

3.3 Design (UML Diagrams)

3.3.1 Use-case Diagrams

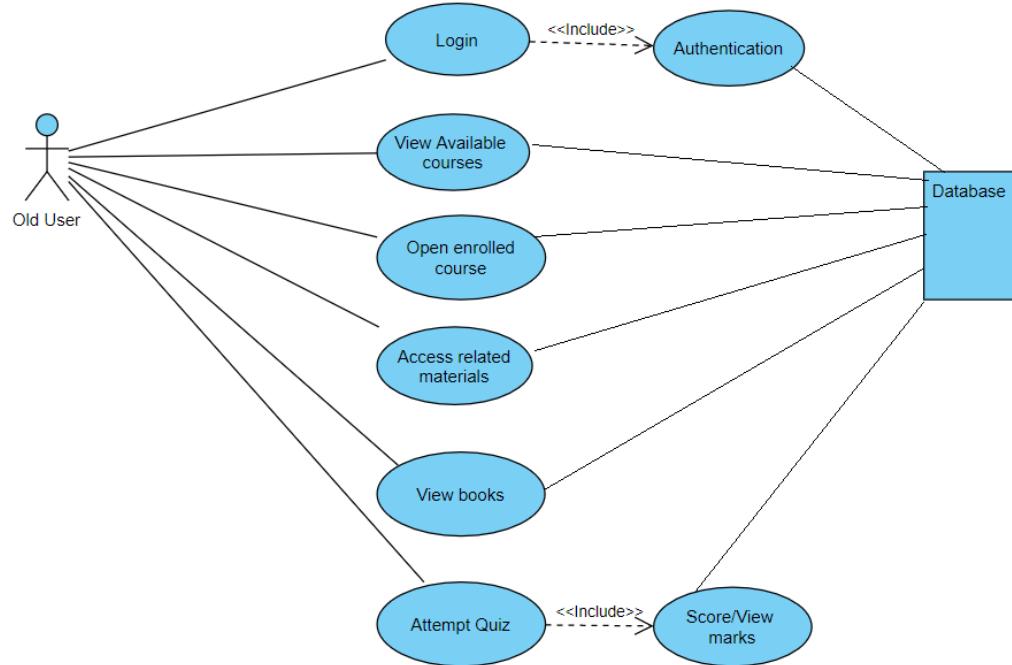
1. User login/Sign up:

There are two kinds of users.

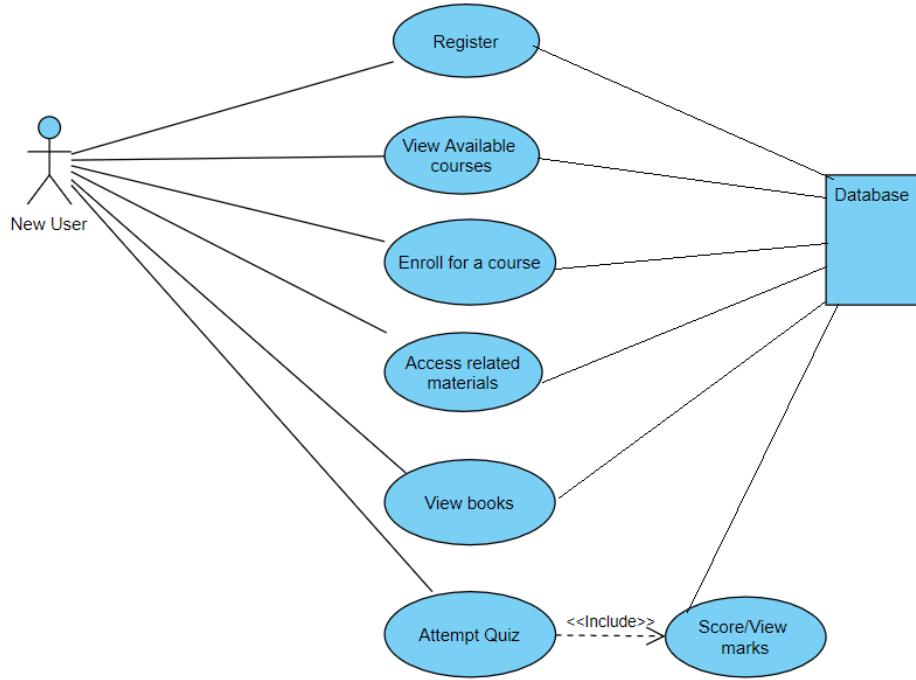
One is a registered user, who can directly log in to the application, details are then authenticated using the database. After which the user can go to the dashboard.

Another one is a new user. First the user needs to register to the application, then the details are uploaded to the database. After which a confirmation is shown.

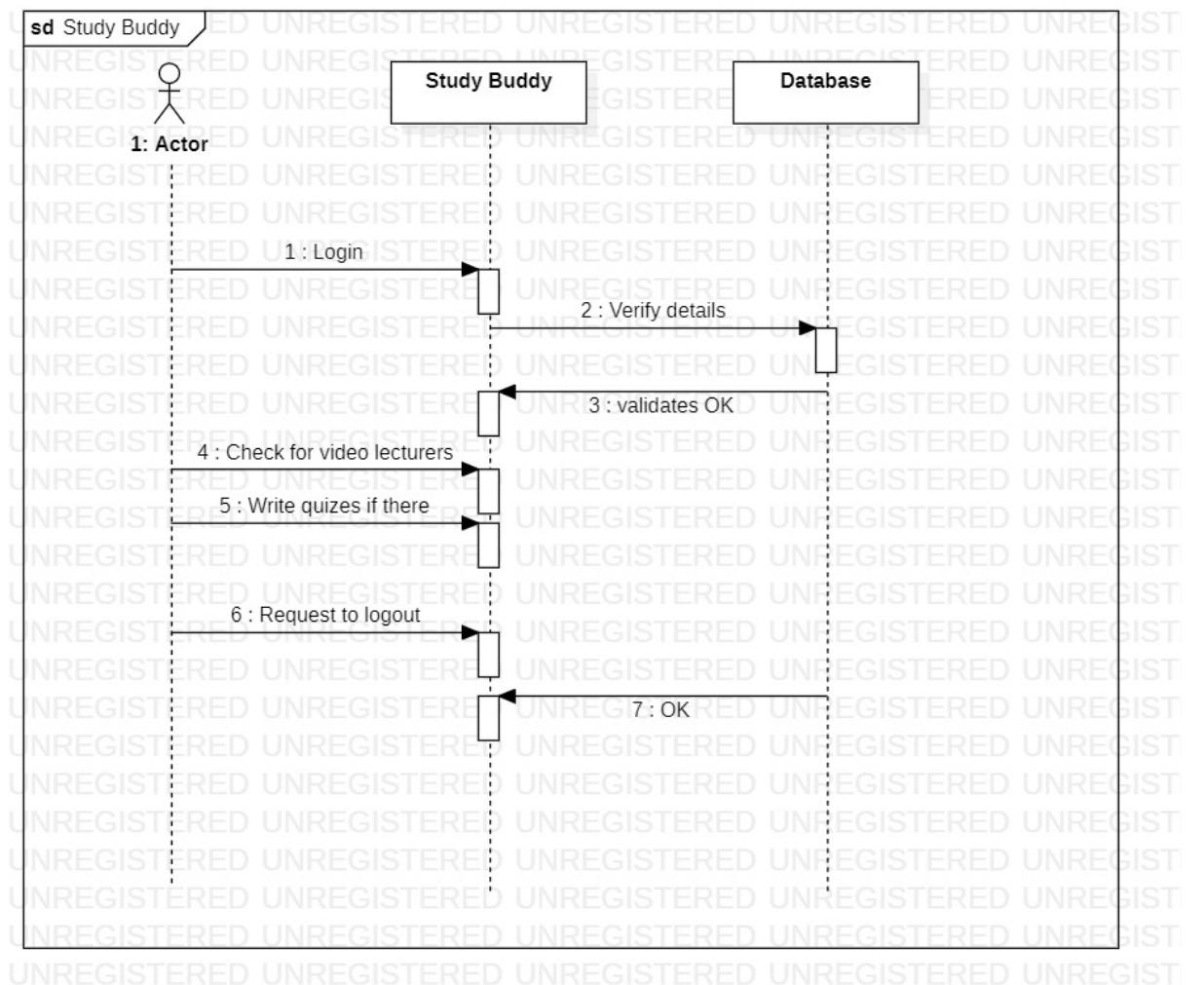
Use case diagram-registered user



Use case diagram-new user



3.3.2 Sequence Diagram



CHAPTER 4

Implementation

4.1 Description of main modules

Registration Module: This module will help the user to register to the website.

Login Module: The users can login to the website once they have successfully registered.

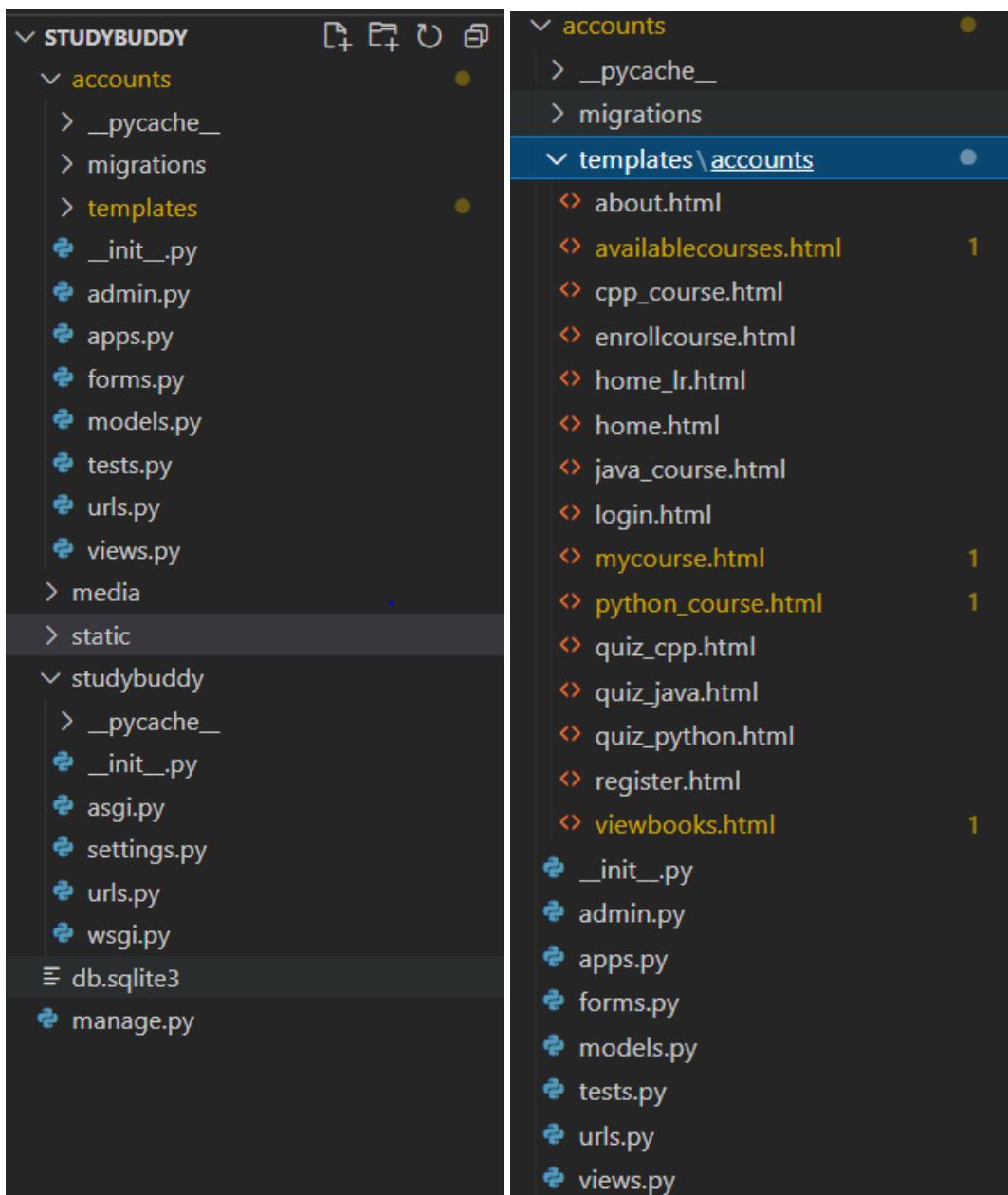
Available Courses Module: Available courses are shown

My Courses Module: Courses enrolled by each specific user is shown

- Quiz Module:** Quizzes for each course is shown
- View Books Module:** Books for each enrolled course is shown

4.2 GitHub Links and Folder Structure

<https://github.com/kshruthi1502/StudyBuddy>



4.3 Codes:

4.3.1 Python files:

i) settings.py(accounts):

"""

Django settings for studybuddy project.

Generated by 'django-admin startproject' using Django 3.2.9.

For more information on this file, see

<https://docs.djangoproject.com/en/3.2/topics/settings/>

For the full list of settings and their values, see

<https://docs.djangoproject.com/en/3.2/ref/settings/>

"""

```
from pathlib import Path
```

```
import os
```

```
# Build paths inside the project like this: BASE_DIR / 'subdir'.
```

```
BASE_DIR = Path(__file__).resolve().parent.parent
```

```
# Quick-start development settings - unsuitable for production
```

```
# See https://docs.djangoproject.com/en/3.2/howto/deployment/checklist/
```

```
# SECURITY WARNING: keep the secret key used in production secret!
```

```
SECRET_KEY = "django-insecure-bb0dzog!v3b#rmwjxiuwr(0c!ae1^ob7zr=_s_8g**njyzy3"
```

```
# SECURITY WARNING: don't run with debug turned on in production!
```

```
DEBUG = True
```

```
ALLOWED_HOSTS = []
```

```
# Application definition
```

```
INSTALLED_APPS = [
```

```
    "django.contrib.admin",
    "django.contrib.auth",
    "django.contrib.contenttypes",
    "django.contrib.sessions",
    "django.contrib.messages",
    "django.contrib.staticfiles",
    "accounts",
```

```
]
```

```
MIDDLEWARE = [
```

```
    "django.middleware.security.SecurityMiddleware",
    "django.contrib.sessions.middleware.SessionMiddleware",
    "django.middleware.common.CommonMiddleware",
    "django.middleware.csrf.CsrfViewMiddleware",
    "django.contrib.auth.middleware.AuthenticationMiddleware",
    "django.contrib.messages.middleware.MessageMiddleware",
    "django.middleware.clickjacking.XFrameOptionsMiddleware",
```

```
]
```

```
ROOT_URLCONF = "studybuddy.urls"
```

```
TEMPLATES = [
{
    "BACKEND": "django.template.backends.django.DjangoTemplates",
    "DIRS": [],
    "APP_DIRS": True,
    "OPTIONS": {
        "context_processors": [
            "django.template.context_processors.debug",
            "django.template.context_processors.request",
            "django.contrib.auth.context_processors.auth",
            "django.contrib.messages.context_processors.messages",
        ],
    },
},
]
```

```
WSGI_APPLICATION = "studybuddy.wsgi.application"
```

```
# Database
# https://docs.djangoproject.com/en/3.2/ref/settings/#databases
```

```
DATABASES = {
    "default": {
        "ENGINE": "django.db.backends.sqlite3",
        "NAME": BASE_DIR / "db.sqlite3",
    }
}
```

```
# Password validation
# https://docs.djangoproject.com/en/3.2/ref/settings/#auth-passwordValidators

AUTH_PASSWORD_VALIDATORS = [
{
    "NAME": "django.contrib.auth.password_validation.UserAttributeSimilarityValidator",
},
{
    "NAME": "django.contrib.auth.password_validation.MinimumLengthValidator",
},
{
    "NAME": "django.contrib.auth.password_validation.CommonPasswordValidator",
},
{
    "NAME": "django.contrib.auth.password_validation.NumericPasswordValidator",
},
]
]
```

```
# Internationalization
# https://docs.djangoproject.com/en/3.2/topics/i18n/
```

```
LANGUAGE_CODE = "en-us"

MEDIA_ROOT = os.path.join(BASE_DIR, "media")
MEDIA_URL = "/media/"

PROJECT_DIR = os.path.dirname(__file__)
```

```
CURRENT_PATH = os.path.abspath(os.path.dirname(__file__))
```

```
STATIC_ROOT = os.path.join(BASE_DIR, "static")
```

```
STATIC_URL = "/static/"
```

```
STATICFILES_DIRS = (os.path.join(PROJECT_DIR, "staticfiles"),)
```

```
TIME_ZONE = "UTC"
```

```
USE_I18N = True
```

```
USE_L10N = True
```

```
USE_TZ = True
```

```
# Static files (CSS, JavaScript, Images)
```

```
# https://docs.djangoproject.com/en/3.2/howto/static-files/
```

```
STATIC_URL = "/static/"
```

```
# Default primary key field type
```

```
# https://docs.djangoproject.com/en/3.2/ref/settings/#default-auto-field
```

```
DEFAULT_AUTO_FIELD = "django.db.models.BigAutoField"
```

ii)urls.py(study buddy):

```
from django.contrib import admin  
from django.urls import path, include
```

```
urlpatterns = [path("admin/", admin.site.urls), path("", include("accounts.urls"))]
```

iii) urls.py(accounts)

```
from django.urls import path

from . import views
from django.conf import settings
from django.conf.urls.static import static
from django.contrib.staticfiles.urls import staticfiles_urlpatterns

urlpatterns = [
    path("", views.redirecthome, name='home'),
    path('home/', views.home, name='home'),
    path('login/',views.loginpage,name='login'),
    path('register/',views.register,name='register'),
    path('redirecthome/',views.redirecthome,name='availablecourse'),
    path('logout/', views.logoutUser, name="logout"),
    path('javacourse/',views.javacourseview,name="javacourse"),
    path('cppcourse/',views.cppcourseview,name="cppcourse"),
    path('about/',views.aboutview,name="about"),
    path('pythoncourse/',views.pythoncourseview,name="pythoncourse"),
    path('quizjava/',views.quizjavaview,name="quizjava"),
    path('quizpython',views.quizpythonview,name="quizpython"),
    path('quizcpp',views.quizcppview,name="quizcpp"),
    path('availcourse/',views.availcourseview,name="availcourse"),
    path('viewbook/',views.viewbookspage,name="viewbook"),
    path('viewjavabook/',views.javabookview,name="viewjavabook"),
    path('viewpythonbook/',views.pythonbookview,name="viewpythonbook"),
    path('viewcppbook/',views.cppbookview,name="viewcppbook"),
    path('enrollc/',views.viewenrollpage,name="enrollc"),
```

```
]+ static(settings.MEDIA_URL, document_root = settings.MEDIA_ROOT)

urlpatterns += staticfiles_urlpatterns()
```

iv)asgi.py:

```
import os

from django.core.asgi import get_asgi_application
os.environ.setdefault("DJANGO_SETTINGS_MODULE", "studybuddy.settings")
application = get_asgi_application()
```

v)wsgi.py:

```
import os

from django.core.wsgi import get_wsgi_application
os.environ.setdefault("DJANGO_SETTINGS_MODULE", "studybuddy.settings")
application = get_wsgi_application()
```

vi)manage.py

```
import os
import sys

def main():
    """Run administrative tasks."""
    os.environ.setdefault("DJANGO_SETTINGS_MODULE", "studybuddy.settings")
    try:
        from django.core.management import execute_from_command_line
    except ImportError as exc:
        raise ImportError(
```

```
"Couldn't import Django. Are you sure it's installed and "
"available on your PYTHONPATH environment variable? Did you "
"forget to activate a virtual environment?"
) from exc
execute_from_command_line(sys.argv)
```

```
if __name__ == "__main__":
    main()
```

vii)models.py(accounts)

```
from django.db import models
# Create your models here.
from django.db import models
from django.contrib.auth.models import User
class Question(models.Model):
    question_text = models.CharField(max_length=200)
    pub_date = models.DateTimeField("date published")
class Course(models.Model):
    user = models.ForeignKey(User, on_delete=models.CASCADE)
    coursename = models.CharField(max_length=200)
```

viii)forms.py(accounts)

```
from django.contrib.auth import forms
from django.contrib.auth.models import User
from django.forms import ModelForm
from django.contrib.auth.forms import UserCreationForm
from django import forms
from accounts.models import Course
```

```
class CreateUserForm(UserCreationForm):  
    class Meta:  
        model = User  
        fields = ["username", "email", "password1", "password2"]
```

```
class EnrollForm(forms.ModelForm):  
    class Meta:  
        model = Course  
        fields = ["user", "coursename"]
```

ix)views.py(accounts)

```
from django.shortcuts import render,redirect  
from django.contrib import messages  
# Create your views here.  
from django.http import HttpResponse  
from django.contrib.auth.forms import UserCreationForm  
from .models import Course  
from django.contrib.auth.models import User  
from accounts.models import Course  
from .forms import CreateUserForm  
from .forms import EnrollForm  
from django.contrib.auth import authenticate,login,logout  
from django.http import FileResponse  
import os  
  
def home(request):  
    Courses = Course.objects.all()
```

```

return render(request, "accounts/mycourse.html", {'Courses': Courses})

def redirecthome(request):
    return render(request,'accounts/home_lr.html')

def logouttohome(request):
    return render(request,'accounts/home_lr.html')

def loginpage(request):
    if request.method == 'POST':
        username= request.POST.get('username')
        password=request.POST.get('password')
        user = authenticate(request, username=username,password=password)
        if user is not None:
            login(request,user)
            return redirect('home')
    context ={}
    return render(request,'accounts/login.html',context)

def register(request):
    form = CreateUserForm()
    if request.method == 'POST':
        form = CreateUserForm(request.POST)
        if form.is_valid():
            form.save()
            user=form.cleaned_data.get('username')
            messages.success(request,'Account was created for '+ user)
            return redirect('login')

```

```

context = {'form':form}
return render(request,'accounts/register.html',context)

def logoutUser(request):
    logout(request)
    return redirect('login')

def javacourseview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/java_course.html')
    else:
        return redirect('login')

def cppcourseview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/cpp_course.html')
    else:
        return redirect('login')

def pythoncourseview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/python_course.html')
    else:
        return redirect('login')

def aboutview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/about.html')
    else:
        return redirect('login')

def quizjavaview(request):
    if request.user.is_authenticated:

```

```

        return render(request,'accounts/quiz_java.html')

    else:
        return redirect('login')

def quizpythonview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/quiz_python.html')
    else:
        return redirect('login')

def quizcppview(request):
    if request.user.is_authenticated:
        return render(request,'accounts/quiz_cpp.html')
    else:
        return redirect('login')

def availcourseview(request):
    if request.user.is_authenticated:
        Courses = Course.objects.all()
        return render(request, "accounts/availablecourses.html", {'Courses': Courses})
        #return render(request,'accounts/availablecourses.html')

    else:
        return redirect('login')

def viewbookspage(request):
    if request.user.is_authenticated:
        Courses = Course.objects.all()
        return render(request, "accounts/viewbooks.html", {'Courses': Courses})

    else:
        return redirect('login')

def javabookview(request):
    if request.user.is_authenticated:
        filepath = os.path.join('static', 'javabook.pdf')

```

```

    return FileResponse(open(filepath, 'rb'), content_type = 'application/pdf')
    #return render(request,'accounts/viewbooks.html')

else:
    return redirect('login')

def pythonbookview(request):
    if request.user.is_authenticated:
        filepath = os.path.join('static', 'pythonbook.pdf')
        return FileResponse(open(filepath, 'rb'), content_type = 'application/pdf')
        #return render(request,'accounts/viewbooks.html')

    else:
        return redirect('login')

def cppbookview(request):
    if request.user.is_authenticated:
        filepath = os.path.join('static', 'Cppbook.pdf')
        return FileResponse(open(filepath, 'rb'), content_type = 'application/pdf')
        #return render(request,'accounts/viewbooks.html')

    else:
        return redirect('login')

def viewenrollpage(request):
    if request.user.is_authenticated:
        form = EnrollForm(request.POST or None)
        if request.method == 'POST':
            form = EnrollForm(request.POST)
            if form.is_valid():
                form.save()
                return redirect('home')
        return render(request,'accounts/enrollcourse.html', {'form':form})

    else:
        return redirect('login')

```

x)apps.py

```
from django.apps import AppConfig  
  
class AccountsConfig(AppConfig):  
    default_auto_field = 'django.db.models.BigAutoField'  
    name = 'accounts'
```

xi)admin.py

```
from django.contrib import admin  
  
from .models import Question, Course  
  
# Register your models here.  
  
admin.site.register(Question)  
admin.site.register(Course)
```

4.3.2 HTML CSS

i)login.html

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
    <title>Login</title>  
    <link rel="stylesheet"  
        href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"  
        integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8  
        ERdknLPMO" crossorigin="anonymous">  
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>  
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css"  
        integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEzsLFm++aCMIF1V92rM  
        kPaX4PP" crossorigin="anonymous">
```

```
<style>

body,
html {
    margin: 0;
    padding: 0;
    height: 100%;
    background-size: cover;
    background: url('/media/bg3.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}

.body {
    background: url('/media/bg3.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}

.user_card {
    width: 350px;
    margin-top: auto;
    margin-bottom: auto;
    background: white;
    position: relative;
    display: flex;
    justify-content: center;
    flex-direction: column;
    padding: 10px;
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
    -webkit-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
```

```
-moz-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
border-radius: 5px;
}

.form_container {
    margin-top: 20px;
}

#form-title {
    color: black;
}

.login_btn {
    width: 100%;
    background: black !important;
    color: white !important;
}

.login_btn:focus {
    box-shadow: none !important;
    outline: 0px !important;
}

.login_container {
    padding: 0 2rem;
}

.input-group-text {
    background: black !important;
    color: white !important;
}
```

```

border: 0 !important;
border-radius: 0.25rem 0 0 0.25rem !important;
}

.input_user,
.input_pass:focus {
    box-shadow: none !important;
    outline: 0px !important;
}

#messages {
    background-color: grey;
    color: #fff;
    padding: 10px;
    margin-top: 10px;
}
</style>

</head>

<body>
    <div class="container h-100">
        <div class="d-flex justify-content-center h-100">
            <div class="user_card">
                <div class="d-flex justify-content-center">
                    <h3 id="form-title">LOGIN</h3>
                <div class="d-flex justify-content-center form_container">
                    <form method="POST" action=""> {%- csrf_token %}<br/>
                        <div class="input-group mb-3">
                            <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-user"></i></span> </div>

```

```

        <input type="text" name="username"
placeholder="Username..." class="form-control"> </div>

        <div class="input-group mb-2">
            <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-key"></i></span> </div>
            <input type="password" name="password"
placeholder="Password..." class="form-control"> </div>
<div class="d-flex justify-content-center mt-3
login_container">
            <input class="btn login_btn" type="submit"
value="Login"> </div>
        </form>
    </div> {% for message in messages %}
    <p id="messages"> {{message}}</p> {% endfor %}
    <div class="mt-4">
        <div class="d-flex justify-content-center links"> Don't have an
account? <a href="{% url 'register' %}" class="ml-2">Sign Up</a> </div>
    </div>
</div>
</div>
</body>

</html>

```

ii)register.html

```

<!DOCTYPE html>
<html>

<head>

```

```

<title>Register</title>

<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8
ERdknLPMO" crossorigin="anonymous">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css"
integrity="sha384-gfdkj5BdAXd+l+j+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMIF1V92rM
kPaX4PP" crossorigin="anonymous">

<style>
body,
html {
    margin: 0;
    padding: 0;
    height: 100%;
    background: url('/media/bg3.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}

.user_card {
    width: 350px;
    margin-top: auto;
    margin-bottom: auto;
    background: white;
    position: relative;
    display: flex;
    justify-content: center;
    flex-direction: column;
    padding: 10px;
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
}

```

```
-webkit-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
-moz-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
border-radius: 5px;
}

.form_container {
    margin-top: 20px;
}

#form-title {
    color: black;
}

.login_btn {
    width: 100%;
    background: black !important;
    color: white !important;
}

.login_btn:focus {
    box-shadow: none !important;
    outline: 0px !important;
}

.login_container {
    padding: 0 2rem;
}

.input-group-text {
    background: black !important;
```

```

        color: white !important;
        border: 0 !important;
        border-radius: 0.25rem 0 0 0.25rem !important;
    }

.input_user,
.input_pass:focus {
    box-shadow: none !important;
    outline: 0px !important;
}

#messages {
    background-color: grey;
    color: #fff;
    padding: 10px;
    margin-top: 10px;
}

</style>

</head>

<body>

<div class="container h-100">
    <div class="d-flex justify-content-center h-100">
        <div class="user_card">
            <div class="d-flex justify-content-center">
                <h3 id="form-title">REGISTER ACCOUNT</h3> </div>
            <div class="d-flex justify-content-center form_container">
                <form method="POST" action=""> {% csrf_token %}
                    <div class="input-group mb-3">

```

```

        <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-user"></i></span> </div> {{form.username}} </div>

        <div class="input-group mb-2">
            <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-envelope-square"></i></span> </div>
{{form.email}} </div>

        <div class="input-group mb-2">
            <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-key"></i></span> </div> {{form.password1}}
</div>

        <div class="input-group mb-2">
            <div class="input-group-append"> <span
class="input-group-text"><i class="fas fa-key"></i></span> </div> {{form.password2}}
</div>

        <div class="d-flex justify-content-center mt-3
login_container">
            <input class="btn login_btn" type="submit"
value="Register Account"> </div>
        </form>
    </div> {{form.errors}} {% for message in messages %}
    <p id="messages"> {{message}} </p> {% endfor %}
    <div class="mt-4">
        <div class="d-flex justify-content-center links"> Already have an
account? <a href="{% url 'login' %}" class="ml-2">Login</a> </div>
    </div>
</div>
</div>
<script>
/* Because i didnt set placeholder values in forms.py they will be set here using vanilla
Javascript

//We start indexing at one because CSRF_token is considered and input field
*/

```

```

//Query All input fields

var form_fields = document.getElementsByTagName('input')
form_fields[1].placeholder = 'Username..';
form_fields[2].placeholder = 'Email..';
form_fields[3].placeholder = 'Enter password..';
form_fields[4].placeholder = 'Re-enter Password..';
for(var field in form_fields) {
    form_fields[field].className += ' form-control'
}
</script>

</body>

</html>

```

iii)about.html

```

<!DOCTYPE html>
<html>
<title>About Us</title>

<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
        body {
            font-family: Arial, Helvetica, sans-serif;
            margin: 0;
        }
    </style>

```

```
html {  
    box-sizing: border-box;  
}  
  
*,  
*:before,  
*:after {  
    box-sizing: inherit;  
}  
  
.column {  
    float: left;  
    width: 33.3%;  
    margin-bottom: 16px;  
    padding: 0 8px;  
}  
  
.card {  
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);  
    margin: 8px;  
}  
  
.about-section {  
    padding: 40px;  
    text-align: center;  
    background-color: #474e5d;  
    color: white;  
}  
  
.container {
```

```
padding: 0 16px;  
}  
  
.container::after,  
.row::after {  
    content: "";  
    clear: both;  
    display: table;  
}  
  
.title {  
    color: grey;  
}  
  
.buttonclass {  
    border: none;  
    outline: 0;  
    display: inline-block;  
    padding: 8px;  
    color: white;  
    background-color: #000;  
    text-align: center;  
    cursor: pointer;  
    width: 100%;  
    text-decoration: none;  
}  
  
.buttonclass:hover {  
    background-color: #555;  
}
```

```

.link {
    text-align: right;
}

@media screen and (max-width: 650px) {
    .column {
        width: 100%;
        display: block;
    }
}

</style>

</head>

<body>

<div class="about-section">
    <div class="link"> <a href="{% url 'home' %}" style="color:white;">GO BACK TO HOME</a> </div>
    <h1>About Us</h1>
    <p>Students taking an online course are lacking the motivation to completely finish the course intime and are unable to reap the entire course.In face-to-face sessions, every instructor has his or her own method of teaching. Each varies in approach and style and is susceptible to mistakes. Thus we introduce to you an E - Learning web app “Title “ to resolve these issues as each learner has unique preferences and learning goals. E-learning makes it possible to cater to individual needs.</p>
</div>
    <h2 style="text-align:center">Our Team</h2>
    <div class="row">
        <div class="column">
            <div class="card">
                <div class="container">

```

```
<h2>Shruthi</h2> </div>
</div>

</div>

<div class="column">
<div class="card">
<div class="container">
<h2>Ananya</h2> </div>
</div>
</div>

<div class="column">
<div class="card">
<div class="container">
<h2>Sragvi</h2> </div>
</div>
</div>
</div>

<div>
<br />
```

```

<br />
<br />
<br />
<center>
    <p>For any Queries</p>
    <p>Contact : studybuddy@gmail.com</p>
</center>
</div>
</body>

</html>

```

iv)availablecourses.html

```

from .models import Course
<!DOCTYPE html>
<html lang="en">

<head>
    <title>Available Courses</title>
    <br>
    <br>
    <br>
    <br>
    <br>
    <center>
        <h3 style="position: absolute; top: 30%; left: 50%;"> Available Courses </h3>
        <p style=" position: absolute; top: 35%; left: 50%;>


---


</p>
</center>
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-awesome.min.css">

```

```

<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
        .rbtn {
            border: none;
            background-color: dodgerblue;
            padding: 14px 28px;
            font-size: 16px;
            cursor: pointer;
            display: inline-block;
            right: 0%;
        }
        .success {
            color: Black;
        }
        body {
            font-family: "Lato", sans-serif;
        }
        .sidenav {

```

```
height: 100%;  
width: 0;  
position: fixed;  
z-index: 1;  
top: 0;  
left: 0;  
background-color: black;  
overflow-x: hidden;  
transition: 0.5s;  
padding-top: 60px;  
}  
  
.sidenav a {
```

```
padding: 8px 8px 8px 32px;  
text-decoration: none;  
font-size: 25px;  
color: #818181;  
display: block;  
transition: 0.3s;  
}
```

```
.sidenav a:hover {  
color: #f1f1f1;  
}
```

```
.sidenav .closebtn {  
position: absolute;  
top: 0;  
right: 25px;  
font-size: 36px;
```

```
margin-left: 50px;  
}  
  
@media screen and (max-height: 450px) {  
    .sidenav {  
        padding-top: 15px;  
    }  
    .sidenav a {  
        font-size: 18px;  
    }  
}  
  
body {  
    margin: 0;  
    font-family: "Lato", sans-serif;  
}  
  
.sidebar {  
    margin: 0;  
    padding: 0;  
    width: 200px;  
    background-color: #f1f1f1;  
    position: fixed;  
    height: 100%;  
    overflow: auto;  
}  
  
.sidebar a {  
    display: block;  
    color: black;
```

```
padding: 16px;  
text-decoration: none;  
}  
  
.sidebar a.active {  
background-color: #04AA6D;  
color: white;  
}  
  
.sidebar a:hover:not(.active) {  
background-color: #555;  
color: white;  
}  
  
div.content {  
margin-left: 200px;  
padding: 1px 16px;  
height: 1000px;  
}  
  
 @media screen and (max-width: 700px) {  
.sidebar {  
width: 100%;  
height: auto;  
position: relative;  
}  
.sidebar a {  
float: left;  
}  
div.content {
```

```
margin-left: 0;  
}  
}  
  
@media screen and (max-width: 400px) {  
    .sidebar a {  
        text-align: center;  
        float: none;  
    }  
}  
</style>  
</head>  
<style>  
#head1 {  
    color: white;  
}  
  
body {  
    background-color: azure;  
}  
  
.container {  
    display: flex;  
    flex-direction: row;  
    justify-content: center;  
    height: 80%;  
    text-align: center;  
    padding-top: 6%;  
    ;  
}
```

```
.sub {  
    margin-top: auto;  
    margin-bottom: auto;  
    height: 100%;  
}  
  
.col {  
    text-align: center;  
}  
  
.button {  
    width: 30%;  
    height: 80%;  
    font-size: 18px;  
    min-height: 50px;  
    min-width: 200px;  
    font-weight: bold;  
    color: white;  
    background-color: dodgerblue;  
    border-style: none;  
    text-decoration: none;  
}  
  
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;
```

```
}

#heading {
    font-family: 'Lobster', cursive;
    padding-top: 20px;
    color: maroon;
    margin: auto;
    font-size: 50px;
}

#head {
    color: purple;
}

@media screen and (max-width: 600px) {
    .row {
        display: flex;
        flex-direction: column;
        justify-content: space-around;
        align-items: center;
        height: 100%;
        text-align: center;
    }
    .container {
        padding-top: 23%;
    }
    .space {
        padding-top: 5%;
        ;
    }
}
```

```

        }
    </style>
<script>
function javaCourse() {
    location.href = "javacourseview";
}

function pythonCourse() {
    location.href = "pythoncourseview";
}

function availcourse() {
    location.href = "availcourseview"
}
</script>
</head>

<body>
<!-- -->
<div class="card" style="width: 18rem; position: absolute; top:40%; left: 22%;"> 
<div class="card-body">
    <h5 class="card-title">JAVA</h5>
    <p class="card-text">Java is a high-level, class-based, object-oriented
programming language.</p>
    <ul class="list-group list-group-flush">
        <li class="list-group-item">Time to Complete</li>
        <li class="list-group-item">4 Hours</li>
    </ul> <a href="#"><% url 'enrollc' %}" class="btn btn-primary" id="buttonbefore"
onclick="changename()">Enroll Course</a> </div>
</div>

```

```

<div class="card" style="width: 18rem; position: absolute; top:40%; left: 45%;"> 

<div class="card-body">
    <h5 class="card-title">PYTHON</h5>
    <p class="card-text">Python is an interpreted high-level general-purpose
programming language.</p>
    <ul class="list-group list-group-flush">
        <li class="list-group-item">Time to Complete</li>
        <li class="list-group-item">4 Hours</li>
    </ul> <a href="{% url 'enrollc' %}" class="btn btn-primary" id="buttonbefore2"
onclick="changename2()">Enroll Course</a> </div>

</div>

<div class="card" style="width: 18rem; position: absolute; top:40%; left: 68%;"> 

<div class="card-body">
    <h5 class="card-title">C++</h5>
    <p class="card-text">C++ is an extension of the C programming language, or "C
with Classes".</p>
    <ul class="list-group list-group-flush">
        <li class="list-group-item">Time to Complete</li>
        <li class="list-group-item">4 Hours</li>
    </ul> <a href="{% url 'enrollc' %}" class="btn btn-primary" id="buttonbefore3"
onclick="changename3()">Enroll Course</a> </div>

</div>

<div id="mySidenav" class="sidenav"> <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a> <a href="{% url 'home' %}">My Courses</a> <a href="{%
url 'availcourse' %}">Available Courses</a> <a href="{% url 'viewbook' %}">View Books</a>
</div>

<!-- <button type="button" style="bottom:0px;" >Click Me!</button>-->
<!--<div>
<br><br><br><br>
<center><a href="{% url 'enrollc' %}" class="rbtn success">Enroll </a> </center>

```

```

</div>-->
<script>
document.getElementById("mySidenav").style.width = "250px";
/*function changename()
{
document.getElementById("buttonbefore").innerHTML = "Enrolled";
//Courses.user=user.username
//Courses.coursename='java'
//Courses.save()
insertfunc();
```

}

```

function changename2()
{
document.getElementById("buttonbefore2").innerHTML = "Enrolled";
}
function changename3()
{
document.getElementById("buttonbefore3").innerHTML = "Enrolled";
}*/
</script>
<nav class="navbar navbar-expand-sm bg-info navbar-dark fixed-top"><a
class="navbar-brand" href="#"><i class="fa fa-home" style="font-size:30px"></i></a>
<h2 id="head1">STUDY BUDDY</h2>
<button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>
<div class="collapse navbar-collapse" id="collapsibleNavbar">
<ul class="navbar-nav ml-auto">
<!--<li class="nav-item">
```

```

<a class="nav-link active" onclick="about()">ABOUT</a>
</li>-->

    <li class="nav-item"> <a class="nav-link active" href="{% url 'about' %}">ABOUT</a> </li>

        <li class="nav-item dropdown active"> <a class="nav-link dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">{{user.username}}</a>

            <div class="dropdown-menu" aria-labelledby="dropdown09"> <a class="dropdown-item" href="{% url 'logout' %}">Logout</a> </div>

        </li>

    </ul>

</div>

</nav>

<br>

<div class="container-fluid" style="margin-top:15px">

    <div class="container">

        <table>

            <tr>

                <td>

                    <div class="row sub align-items-center">

                        <div class="col">

                            <!----></div>

                        <div class="col space">

                            <!--<button class="button"
onclick="buy()">BUY A
PROPERTY</button><br><br><br>

<button class="button" onclick="sell()">SELL A PROPERTY</button>
-->

                        </div>

                    </div>

                </td>

            </tr>

        </table>

    </div>

</div>

```

```

        </div>
    </td>
</tr>
</table>
</div>

</div> {% for c in Courses %} {% if c.user.username == user.username and
c.coursename|slugify == 'java' %}

<script>
document.getElementById("buttonbefore").innerHTML = "Enrolled";
</script> {% else %}

<script>
document.getElementById("buttonbefore").innerHTML = "Enroll course";
</script> {% endif %} {% endfor %} {% for c in Courses %} {% if c.user.username ==
user.username and c.coursename|slugify == 'python' %}

<script>
document.getElementById("buttonbefore2").innerHTML = "Enrolled";
</script> {% else %}

<script>
document.getElementById("buttonbefore2").innerHTML = "Enroll course";
</script> {% endif %} {% endfor %} {% for c in Courses %} {% if c.user.username ==
user.username and c.coursename|slugify == 'cpp' %}

<script>
document.getElementById("buttonbefore3").innerHTML = "Enrolled";
</script> {% else %}

<script>
document.getElementById("buttonbefore3").innerHTML = "Enroll course";
</script> {% endif %} {% endfor %} </body>

</html>

```

v)cpp_course.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>CPP Course</title>
    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
        href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
        src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
    <script
        src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
        body {
            font-family: "Lato", sans-serif;
        }
    .sidenav {
        height: 100%;
        width: 0;
        position: fixed;
        z-index: 1;
        top: 0;
        left: 0;
        background-color: black;
    }

```

```
        overflow-x: hidden;  
        transition: 0.5s;  
        padding-top: 60px;  
    }  
  
.sidenav a {  
    padding: 8px 8px 8px 32px;  
    text-decoration: none;  
    font-size: 25px;  
    color: #818181;  
    display: block;  
    transition: 0.3s;  
}  
  
.sidenav a:hover {  
    color: #f1f1f1;  
}  
  
.sidenav .closebtn {  
    position: absolute;  
    top: 0;  
    right: 25px;  
    font-size: 36px;  
    margin-left: 50px;  
}  
  
@media screen and (max-height: 450px) {  
    .sidenav {  
        padding-top: 15px;  
    }  
}
```

```
.sidenav a {  
    font-size: 18px;  
}  
  
}  
  
body {  
    margin: 0;  
    font-family: "Lato", sans-serif;  
}  
  
.sidebar {  
    margin: 0;  
    padding: 0;  
    width: 200px;  
    background-color: #f1f1f1;  
    position: fixed;  
    height: 100%;  
    overflow: auto;  
}  
  
.sidebar a {  
    display: block;  
    color: black;  
    padding: 16px;  
    text-decoration: none;  
}  
  
.sidebar a.active {  
    background-color: #04AA6D;  
    color: white;
```

```
}

.sidebar a:hover:not(.active) {
    background-color: #555;
    color: white;
}

div.content {
    margin-left: 200px;
    padding: 1px 16px;
    height: 1000px;
}

@media screen and (max-width: 700px) {
    .sidebar {
        width: 100%;
        height: auto;
        position: relative;
    }

    .sidebar a {
        float: left;
    }

    div.content {
        margin-left: 0;
    }
}

@media screen and (max-width: 400px) {
    .sidebar a {
        text-align: center;
    }
}
```

```
    float: none;  
}  
}
```

```
</style>
```

```
</head>
```

```
<style>
```

```
#head1 {
```

```
    color: white;
```

```
}
```

```
body {
```

```
    background-color: azure;
```

```
}
```

```
.container {
```

```
    display: flex;
```

```
    flex-direction: row;
```

```
    justify-content: center;
```

```
    height: 80%;
```

```
    text-align: center;
```

```
    padding-top: 6%;
```

```
;
```

```
}
```

```
.sub {
```

```
    margin-top: auto;
```

```
    margin-bottom: auto;
```

```
    height: 100%;
```

```
}
```

```
.col {  
    text-align: center;  
}  
  
.button {  
    width: 30%;  
    height: 80%;  
    font-size: 18px;  
    min-height: 50px;  
    min-width: 200px;  
    font-weight: bold;  
    color: white;  
    background-color: dodgerblue;  
    border-style: none;  
    text-decoration: none;  
}  
  
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}  
  
#heading {  
    font-family: 'Lobster', cursive;  
    padding-top: 20px;  
    color: maroon;  
    margin: auto;
```

```
font-size: 50px;  
}  
  
#head {  
    color: purple;  
}  
  
@media screen and (max-width: 600px) {  
    .row {  
        display: flex;  
        flex-direction: column;  
        justify-content: space-around;  
        align-items: center;  
        height: 100%;  
        text-align: center;  
    }  
    .container {  
        padding-top: 23%;  
    }  
    .space {  
        padding-top: 5%;  
        ;  
    }  
}  
  
.buttonm {  
    background-color: #4CAF50;  
    /* Green */  
    border: none;  
    color: white;
```

```
padding: 15px 32px;  
text-align: center;  
text-decoration: none;  
display: inline-block;  
font-size: 16px;  
margin: 4px 2px;  
cursor: pointer;  
}  
  
.button1 {  
background-color: white;  
color: black;  
border: 2px solid #4CAF50;  
}  
</style>  
</head>  
  
<body>  
<br />  
<br />  
<br />  
<br />  
<center>  
<h1>Welcome to C++</h1>  
<h3>Course Outline</h3>  
  
<p>_____</p>  
</center>  
<div classname="week1">  
<center>
```

```
<div className="week1">  
    <h4>WEEK 1</h4></div>  
  
</center>  
  
<iframe width="760" height="515"  
src="https://www.youtube.com/embed/18c3MTX0PK0" title="YouTube video player"  
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;  
picture-in-picture" allowfullscreen style="position: absolute; top: 300px; right:  
350px;"></iframe>  
  
</div>  
  
<br>  
  
<br>
```

```
<br>
<br>
<br>
<div classname="week2">
    <center>
        <div className="week1">
            <h4>WEEK 2</h4></div>
        </center>
        <iframe width="760" height="515"
src="https://www.youtube.com/embed/2BP8NhxrO0" title="YouTube video player"
frameBorder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope;
picture-in-picture" allowFullScreen style="position: absolute; top: 950px; right:
350px;"></iframe>
    </div>
    <br>
    <br>
```



```

function about() {
    location.href = "aboutview";
}

</script>

<nav class="navbar navbar-expand-sm bg-info navbar-dark fixed-top"> <a
class="navbar-brand" href="#"><i class="fa fa-home" style="font-size:30px"></i></a>
<h2 id="head1">STUDY BUDDY</h2>
<button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>
<div class="collapse navbar-collapse" id="collapsibleNavbar">
<ul class="navbar-nav ml-auto">
    <!-- <li class="nav-item">
<a class="nav-link active" onclick="about()">ABOUT</a>
</li>-->
    <li class="nav-item"> <a class="nav-link active" href="{% url 'about'
%}">ABOUT</a> </li>
    <li class="nav-item dropdown active"> <a class="nav-link
dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown"
aria-haspopup="true" aria-expanded="false">{{ user.username }}</a>
        <div class="dropdown-menu" aria-labelledby="dropdown09"> <a
class="dropdown-item" href="{% url 'logout' %}">Logout</a> </div>
    </li>
</ul>
</div>
</nav>
<br>
<div class="container-fluid" style="margin-top:15px">
<div class="container">
    <table>
        <tr>

```

```

<td>
    <div class="row sub align-items-center">
        <div class="col">
            <!----></div>
        <div class="col space">
            <!--<button class="button"
onclick="buy()">BUY A
PROPERTY</button><br><br><br>
<button class="button" onclick="sell()">SELL A PROPERTY</button>
-->
            </div>
        </div>
    </div>
</body>
</html>

```

vi)enrollcourse.html

```

<!DOCTYPE html>
<html lang="en">
    <title>Enrolling Course</title>
    <title>Login</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8
ERdknLPMO" crossorigin="anonymous">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

```

```
<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.6.1/css/all.css"
integrity="sha384-gfdkjb5BdAXd+lj+gudLWI+BXq4IuLW5IT+brZEZsLFm++aCMlF1V92rM
kPaX4PP" crossorigin="anonymous">

<style>

body,
html {

    margin: 0;
    padding: 0;
    height: 100%;
    background-size: cover;
    background: url('/media/enroll.jpg');

}

.user_card {

    width: 350px;
    margin-top: auto;
    margin-bottom: auto;
    background: white;
    position: relative;
    display: flex;
    justify-content: center;
    flex-direction: column;
    padding: 10px;
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
    -webkit-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
    -moz-box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
    border-radius: 5px;

}

.form_container {
```

```
margin-top: 20px;  
}  
  
  
#form-title {  
    color: #354D73;  
}  
  
  
.login_btn {  
    width: 100%;  
    background: #0099CC !important;  
    color: white !important;  
}  
  
  
.login_btn:focus {  
    box-shadow: none !important;  
    outline: 0px !important;  
}  
  
  
.login_container {  
    padding: 0 2rem;  
}  
  
  
.input-group-text {  
    background: #0099CC !important;  
    color: white !important;  
    border: 0 !important;  
    border-radius: 0.25rem 0 0 0.25rem !important;  
}  
  
  
.input_user,
```

```

.input_pass:focus {
    box-shadow: none !important;
    outline: 0px !important;
}

#messages {
    background-color: grey;
    color: #fff;
    padding: 10px;
    margin-top: 10px;
}

</style>
</head>

<body>
<div class="container h-100">
    <div class="d-flex justify-content-center h-100">
        <div class="user_card">
            <div class="d-flex justify-content-center">
                <h3 id="form-title">ENROLL COURSE</h3>
            <div class="d-flex justify-content-center form_container">
                <form method="POST" action=""> {{% csrf_token %}}
                    <div class="input-group mb-3">
                        <div class="input-group-append"> <span
                            class="input-group-text"><i class="fas fa-user"></i></span> </div> {{form.user}}
                    <div class="input-group mb-2">
                        <div class="input-group-append"> <span
                            class="input-group-text"><i class="fas fa-book"></i></span> </div> {{form.coursename}}
                    </div>
                    <div class="d-flex justify-content-center mt-3
login_container">

```

```

        <input class="btn login_btn" type="submit"
value="Enroll Now"> </div>

        </form>
    </div>
</div>
</div>
</div>
</script>

/* Because i didnt set placeholder values in forms.py they will be set here using vanilla
Javascript

//We start indexing at one because CSRF_token is considered and input field
*/
//Query All input fields
var form_fields = document.getElementsByTagName('input')
form_fields[0].placeholder = 'Username..';
form_fields[1].placeholder = 'Coursename..';
for(var field in form_fields) {
    form_fields[field].className += ' form-control'
}
</script>
</body>

```

</html>

vii)home_lr.html

<html>

<head>

<title>HomePage</title>

<meta charset="utf-8">

```

<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle.min.js"></script>
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.3.1/css/all.css"
integrity="sha384-
mzrmE5qonljUremFsqc01SB46JvROS7bZs3IO2EmfFsd15uHvIt+Y8vEf7N7fWAU"
crossorigin="anonymous">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
<style>
body {
    height: 100vh;
    background-color: #9dbcd4;
    background-image: url("media/bg3.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}

```

```
.container {  
    padding-top: 4%;  
    height: 80%;  
    text-align: center;  
}
```

```
.sub {  
    margin-top: auto;  
    margin-bottom: auto;  
    height: 100%;  
}
```

```
.col {  
    text-align: right;  
}
```

```
.button {  
    width: 50%;  
    height: 15%;  
    font-size: 20px;  
    min-height: 40px;  
    min-width: 150px;  
    max-height: 110px;  
    font-weight: bold;  
    color: white;  
    background-color: black;  
    border-style: none;  
    text-decoration: none;  
    right: 50%;
```

```
border: 1px solid black;  
}  
  
.ph {  
    font-family: Arial, Helvetica, sans-serif;  
    text-align: right;  
}  
  
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}  
  
#heading {  
    font-family: 'Georgia';  
    padding-top: 20px;  
    color: rgb(0, 0, 0);  
    margin: auto;  
    font-size: 80px;  
    text-align: right;  
}  
  
#head {  
    color: purple;  
}  
  
@media screen and (max-width: 600px) {
```

```
.row {  
    display: flex;  
    flex-direction: column;  
    justify-content: space-around;  
    align-items: center;  
    height: 100%;  
    text-align: center;  
}  
  
#heading {  
    font-size: 30px;  
}  
  
#head {  
    font-size: 30px;  
}  
  
.container {  
    padding-top: 1%;  
}  
  
.qt {  
    font-size: medium;  
    font-family: fantasy;  
    right: 0%;  
}  
  
.footer {  
    position: fixed;  
    left: 0;  
    bottom: 0;  
    width: 100%;
```

```

background-color: #9DBCD4;
color: black;
text-align: center;
font-size: 50px;
font-family: 'Brush Script MT';

}

</style>

<script>

function login() {

    location.href = "login";

}

function register() {

    location.href = "register"

}

</script>

</head>

<body>

<div id="heading">

    <div class="col">

        <p>STUDY BUDDY</p>

    </div>

</div>

<div class="container">

    <div class="row sub">

        <div class="col">

            <!----></div>

        <div class="col">


```

```

<div>
    <!--<h1 class="ph">Discover a new way of learning ..<br>
</h1> -->
    <p></p>
</div>
    <button class="button" onclick="login()">LOGIN</button>
    <br>
    <br>
    <br>
    <button class="button" onclick="register()">REGISTER</button>
</div>
</div>
</div>
<div class="footer">
    <p>Discover a new way of learning!</p>
</div>
</body>
</html>

```

viii)java_course.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>Java Course</title>
    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-awesome.min.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
        href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

```

```
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>  
  
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>  
  
<head>  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <style>  
        body {  
            font-family: "Lato", sans-serif;  
        }  
  
.sidenav {  
    height: 100%;  
    width: 0;  
    position: fixed;  
    z-index: 1;  
    top: 0;  
    left: 0;  
    background-color: black;  
    overflow-x: hidden;  
    transition: 0.5s;  
    padding-top: 60px;  
}  
  
.sidenav a {  
    padding: 8px 8px 8px 32px;  
    text-decoration: none;  
    font-size: 25px;  
    color: #818181;
```

```
        display: block;  
        transition: 0.3s;  
    }  
  
.sidenav a:hover {  
    color: #f1f1f1;  
}  
  
.sidenav .closebtn {  
    position: absolute;  
    top: 0;  
    right: 25px;  
    font-size: 36px;  
    margin-left: 50px;  
}  
  
@media screen and (max-height: 450px) {  
    .sidenav {  
        padding-top: 15px;  
    }  
    .sidenav a {  
        font-size: 18px;  
    }  
}  
  
body {  
    margin: 0;  
    font-family: "Lato", sans-serif;  
}
```

```
.sidebar {  
    margin: 0;  
    padding: 0;  
    width: 200px;  
    background-color: #f1f1f1;  
    position: fixed;  
    height: 100%;  
    overflow: auto;  
}
```

```
.sidebar a {  
    display: block;  
    color: black;  
    padding: 16px;  
    text-decoration: none;  
}
```

```
.sidebar a.active {  
    background-color: #04AA6D;  
    color: white;  
}
```

```
.sidebar a:hover:not(.active) {  
    background-color: #555;  
    color: white;  
}
```

```
div.content {  
    margin-left: 200px;  
    padding: 1px 16px;
```

```
height: 1000px;  
}  
  
@media screen and (max-width: 700px) {  
    .sidebar {  
        width: 100%;  
        height: auto;  
        position: relative;  
    }  
    .sidebar a {  
        float: left;  
    }  
    div.content {  
        margin-left: 0;  
    }  
}  
  
@media screen and (max-width: 400px) {  
    .sidebar a {  
        text-align: center;  
        float: none;  
    }  
}  
</style>  
</head>  
<style>  
#head1 {  
    color: white;  
}
```

```
body {  
    background-color: azure;  
}
```

```
.container {  
    display: flex;  
    flex-direction: row;  
    justify-content: center;  
    height: 80%;  
    text-align: center;  
    padding-top: 6%;  
    ;  
}
```

```
.sub {  
    margin-top: auto;  
    margin-bottom: auto;  
    height: 100%;  
}
```

```
.col {  
    text-align: center;  
}
```

```
.button {  
    width: 30%;  
    height: 80%;  
    font-size: 18px;  
    min-height: 50px;  
    min-width: 200px;
```

```
    font-weight: bold;  
    color: white;  
    background-color: dodgerblue;  
    border-style: none;  
    text-decoration: none;  
}  
  
.
```

```
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}  
  
.
```

```
#heading {  
    font-family: 'Lobster', cursive;  
    padding-top: 20px;  
    color: maroon;  
    margin: auto;  
    font-size: 50px;  
}  
  
.
```

```
#head {  
    color: purple;  
}  
  
.
```

```
@media screen and (max-width: 600px) {  
.row {  
    display: flex;  
}
```

```
flex-direction: column;  
justify-content: space-around;  
align-items: center;  
height: 100%;  
text-align: center;  
}  
.container {  
padding-top: 23%;  
}  
.space {  
padding-top: 5%;  
;  
}  
}
```

```
.buttonm {  
background-color: #4CAF50;  
/* Green */  
border: none;  
color: white;  
padding: 15px 32px;  
text-align: center;  
text-decoration: none;  
display: inline-block;  
font-size: 16px;  
margin: 4px 2px;  
cursor: pointer;  
}
```

```
.button1 {
```

```
background-color: white;  
color: black;  
border: 2px solid #4CAF50;  
}  
</style>  
</head>
```

```
<body>  
<br />  
<br />  
<br />  
<br />  
<br />  
<center>  
<h1>Welcome to JAVA</h1>  
<h3>Course Outline</h3>
```

```
<p>_____</p>  
</center>  
<div classname="week1">  
<center>  
<div className="week1">  
<h4>WEEK 1</h4></div>  
</center>  
<iframe width="760" height="515"  
src="https://www.youtube.com/embed/tpP8EQE8DNU" title="YouTube video player"  
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;  
picture-in-picture" allowfullscreen style="position: absolute; top: 300px; right:  
350px;"></iframe>  
</div>  
<br>  
<br>
```



```
frameBorder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;  
picture-in-picture" allowFullScreen style="position: absolute; top: 950px; right:  
350px;"></iframe>  
  
</div>  
  
<br>  
  
<br>
```

```
<div classname="week3">  
    <center>  
        <h4>WEEK 3</h4></center>  
        <iframe width="760" height="515"  
            src="https://www.youtube.com/embed/kHWcA4X2anE" title="YouTube video player"  
            frameBorder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media;  
            gyroscope;  
            picture-in-picture" allowFullScreen style="position: absolute; top: 1600px; right:  
            350px;"></iframe>  
        <br />  
        <br>  
        <br>
```

```

<br>
<br>
<br>
<br>
<script>

function quizjava() {

    location.href = "quizjavaview";

}

</script>

<!!--<center><Button href="% url 'about' %" class="buttonm button1" style="top: 10px; left:300;">Quiz </Button> </center>-->

<center> <a href="% url 'quizjava' %" class="buttonm button1" style="top: 10px; left:300;">Quiz</a></center>

</div>

</div>

<div id="mySidenav" class="sidenav"> <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a> <a href="% url 'home' %">My Courses</a> <a href="% url 'availcourse' %">Available Courses</a> <a href="% url 'viewbook' %">View Books</a>
</div>

<script>

document.getElementById("mySidenav").style.width = "250px";
document.getElementById("mySidenav").style.width = "250px";


function about() {

    location.href = "aboutview";

}

</script>

<nav class="navbar navbar-expand-sm bg-info navbar-dark fixed-top"> <a class="navbar-brand" href="#"><i class="fa fa-home" style="font-size:30px"></i></a>

<h2 id="head1">STUDY BUDDY</h2>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>

```

```

<div class="collapse navbar-collapse" id="collapsibleNavbar">
    <ul class="navbar-nav ml-auto">
        <li class="nav-item"> </li>
        <!--<li class="nav-item">
<a class="nav-link active" onclick="about()">ABOUT</a>
</li>-->
        <li class="nav-item"> <a class="nav-link active" href="{% url 'about' %}">ABOUT</a> </li>
        <li class="nav-item dropdown active"> <a class="nav-link dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">{{user.username}}</a>
            <div class="dropdown-menu" aria-labelledby="dropdown09"> <a class="dropdown-item" href="{% url 'logout' %}">Logout</a> </div>
        </li>
    </ul>
</div>
</nav>
<br>
<div class="container-fluid" style="margin-top:15px">
    <div class="container">
        <table>
            <tr>
                <td>
                    <div class="row sub align-items-center">
                        4aMLIKRhAKSLeqIE3hg="" alt="img"
                    class="rounded-circle img-fluid">--></div>
                    <div class="col space">
                        </div>
                    </div>
                </td>
            </tr>
        </table>
    </div>
</div>

```

```

        </tr>
    </table>
</div>
</div>
</body>
</html>

ix)mycourse.html

<!DOCTYPE html>
<html lang="en">

<head>
    <title>MyCourses</title>
    <br>
    <br>
    <br>
    <br>
    <br>
    <center>
        <h3 style="position: absolute; top: 30%; left: 50%;"> My Courses </h3>
        <p style=" position: absolute; top: 35%; left: 50%;>


---


        </p>
    </center>
    <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-awesome.min.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
    src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

```

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>  
  
<head>  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <style>  
        body {  
            font-family: "Lato", sans-serif;  
        }  
  
.sidenav {  
    height: 100%;  
    width: 0;  
    position: fixed;  
    z-index: 1;  
    top: 0;  
    left: 0;  
    background-color: black;  
    overflow-x: hidden;  
    transition: 0.5s;  
    padding-top: 60px;  
}  
  
.sidenav a {  
    padding: 8px 8px 8px 32px;  
    text-decoration: none;  
    font-size: 25px;  
    color: #818181;  
    display: block;  
    transition: 0.3s;
```

```
}

.sidenav a:hover {
    color: #f1f1f1;
}

.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

@media screen and (max-height: 450px) {
    .sidenav {
        padding-top: 15px;
    }
    .sidenav a {
        font-size: 18px;
    }
}

body {
    margin: 0;
    font-family: "Lato", sans-serif;
}

.sidebar {
    margin: 0;
```

```
padding: 0;  
width: 200px;  
background-color: #f1f1f1;  
position: fixed;  
height: 100%;  
overflow: auto;  
}
```

```
.sidebar a {  
display: block;  
color: black;  
padding: 16px;  
text-decoration: none;  
}
```

```
.sidebar a.active {  
background-color: #04AA6D;  
color: white;  
}
```

```
.sidebar a:hover:not(.active) {  
background-color: #555;  
color: white;  
}
```

```
div.content {  
margin-left: 200px;  
padding: 1px 16px;  
height: 1000px;  
}
```

```
@media screen and (max-width: 700px) {  
    .sidebar {  
        width: 100%;  
        height: auto;  
        position: relative;  
    }  
    .sidebar a {  
        float: left;  
    }  
    div.content {  
        margin-left: 0;  
    }  
}
```

```
@media screen and (max-width: 400px) {  
    .sidebar a {  
        text-align: center;  
        float: none;  
    }  
}  
</style>  
</head>  
<style>  
#head1 {  
    color: white;  
}  
  
body {  
    background-color: azure;
```

```
}
```



```
.container {
```

```
    display: flex;
```

```
    flex-direction: row;
```

```
    justify-content: center;
```

```
    height: 80%;
```

```
    text-align: center;
```

```
    padding-top: 6%;
```

```
;
```

```
}
```

```
.sub {
```

```
    margin-top: auto;
```

```
    margin-bottom: auto;
```

```
    height: 100%;
```

```
}
```

```
.col {
```

```
    text-align: center;
```

```
}
```

```
button {
```

```
    width: 30%;
```

```
    height: 80%;
```

```
    font-size: 18px;
```

```
    min-height: 50px;
```

```
    min-width: 200px;
```

```
    font-weight: bold;
```

```
    color: white;
```

```
background-color: black;  
border-style: none;  
text-decoration: none;  
}  
  
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}  
  
#heading {  
    font-family: 'Lobster', cursive;  
    padding-top: 20px;  
    color: maroon;  
    margin: auto;  
    font-size: 50px;  
}  
  
#head {  
    color: purple;  
}  
  
@media screen and (max-width: 600px) {  
    .row {  
        display: flex;  
        flex-direction: column;  
        justify-content: space-around;  
    }
```

```

        align-items: center;
        height: 100%;
        text-align: center;
    }

    .container {
        padding-top: 23%;
    }

    .space {
        padding-top: 5%;
        ;
    }
}

</style>

</head>

<body> {%- for c in Courses %} {%- if c.user.username == user.username and
c.coursename|slugify == 'java' %}

    <div class="card" style="width: 18rem; position: absolute; top:40%; left: 22%;"> 

        <div class="card-body">

            <h5 class="card-title">JAVA</h5>

            <p class="card-text">Java is a high-level, class-based, object-oriented
programming language.</p>

            <ul class="list-group list-group-flush">

                <li class="list-group-item">Time to Complete</li>
                <li class="list-group-item">4 Hours</li>
            </ul> <a href="{{ url 'javacourse' }}" class="btn btn-primary">Open
Course</a> </div>

        </div> {%- endif %} {%- endfor %} {%- for c in Courses %} {%- if c.user.username ==
user.username and c.coursename|slugify == 'python' %}
```

```

<div class="card" style="width: 18rem; position: absolute; top:40%; left: 45%;"> 

<div class="card-body">
    <h5 class="card-title">PYTHON</h5>
    <p class="card-text">Python is an interpreted high-level general-purpose
programming language.</p>
    <ul class="list-group list-group-flush">
        <li class="list-group-item">Time to Complete</li>
        <li class="list-group-item">4 Hours</li>
    </ul> <a href="{% url 'pythoncourse' %}" class="btn btn-primary">Open
Course</a> </div>

</div> {% endif %} {% endfor %} {% for c in Courses %} {% if c.user.username ==
user.username and c.coursename|slugify == 'cpp' %}

<div class="card" style="width: 18rem; position: absolute; top:40%; left: 68%;"> 

<div class="card-body">
    <h5 class="card-title">C++</h5>
    <p class="card-text">C++ is an extension of the C programming language, or "C
with Classes".</p>
    <ul class="list-group list-group-flush">
        <li class="list-group-item">Time to Complete</li>
        <li class="list-group-item">4 Hours</li>
    </ul> <a href="{% url 'cppcourse' %}" class="btn btn-primary">Open
Course</a> </div>

</div> {% endif %} {% endfor %}

<div id="mySidenav" class="sidenav"> <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a> <a href="{% url 'home' %}">My Courses</a> <a href="{%
url 'availcourse' %}">Available courses</a> <a href="{% url 'viewbook' %}">View Books</a>
</div>

<script>
document.getElementById("mySidenav").style.width = "250px";

```

```

</script>

<nav class="navbar navbar-expand-sm bg-info navbar-dark bg-primary fixed-top"> <a
class="navbar-dark bg-dark" href="#"><i class="fa fa-home" style="font-size:30px;
background-color:black;"></i></a>

<h2 id="head1">STUDY BUDDY</h2>

<button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>

<div class="collapse navbar-collapse" id="collapsibleNavbar">

<ul class="navbar-nav ml-auto">

<!--<li class="nav-item">

<a class="nav-link active" onclick="about()">ABOUT</a>

</li>-->

<li class="nav-item"> <a class="nav-link active" href="{% url 'about'
%}">ABOUT</a> </li>

<li class="nav-item dropdown active"> <a class="nav-link
dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown"
aria-haspopup="true" aria-expanded="false">{{ user.username }}</a>

<div class="dropdown-menu" aria-labelledby="dropdown09"> <a
class="dropdown-item" href="{% url 'logout' %}">Logout</a> </div>

</li>

</ul>

</div>

</nav>

<br>

<div class="container-fluid" style="margin-top:15px">

<div class="container">

<table>

<tr>

<td>

<div class="row sub align-items-center">

<div class="col">

```

```

        </div>
        <div class="col space">

</div>
        </div>
        </td>
    </tr>
</table>
</div>
</div>
</body>

```

</html>

x)python_course.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>Python Course</title>
    <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-awesome.min.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
    src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
    <script
    src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

```

<head>

```
<meta name="viewport" content="width=device-width, initial-scale=1">  
<style>  
body {  
    font-family: "Lato", sans-serif;  
}
```

```
.sidenav {  
    height: 100%;  
    width: 0;  
    position: fixed;  
    z-index: 1;  
    top: 0;  
    left: 0;  
    background-color: black;  
    overflow-x: hidden;  
    transition: 0.5s;  
    padding-top: 60px;  
}
```

```
.sidenav a {  
    padding: 8px 8px 8px 32px;  
    text-decoration: none;  
    font-size: 25px;  
    color: #818181;  
    display: block;  
    transition: 0.3s;  
}
```

```
.sidenav a:hover {  
    color: #f1f1f1;
```

```
        }

.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}
```

```
@media screen and (max-height: 450px) {
    .sidenav {
        padding-top: 15px;
    }
    .sidenav a {
        font-size: 18px;
    }
}
```

```
body {
    margin: 0;
    font-family: "Lato", sans-serif;
}
```

```
.sidebar {
    margin: 0;
    padding: 0;
    width: 200px;
    background-color: #f1f1f1;
    position: fixed;
```

```
height: 100%;  
overflow: auto;  
}  
  
.sidebar a {  
display: block;  
color: black;  
padding: 16px;  
text-decoration: none;  
}  
  
.sidebar a.active {  
background-color: #04AA6D;  
color: white;  
}  
  
.sidebar a:hover:not(.active) {  
background-color: #555;  
color: white;  
}  
  
div.content {  
margin-left: 200px;  
padding: 1px 16px;  
height: 1000px;  
}  
  
{@media screen and (max-width: 700px) {  
.sidebar {  
width: 100%;
```

```
height: auto;  
position: relative;  
}  
.sidebar a {  
float: left;  
}  
div.content {  
margin-left: 0;  
}  
}  
  
@media screen and (max-width: 400px) {  
.sidebar a {  
text-align: center;  
float: none;  
}  
}  
</style>  
</head>  
<style>  
#head1 {  
color: white;  
}  
  
body {  
background-color: azure;  
}  
  
.container {  
display: flex;
```

```
flex-direction: row;  
justify-content: center;  
height: 80%;  
text-align: center;  
padding-top: 6%;  
;  
}
```

```
.sub {  
margin-top: auto;  
margin-bottom: auto;  
height: 100%;  
}
```

```
.col {  
text-align: center;  
}
```

```
.button {  
width: 30%;  
height: 80%;  
font-size: 18px;  
min-height: 50px;  
min-width: 200px;  
font-weight: bold;  
color: white;  
background-color: dodgerblue;  
border-style: none;  
text-decoration: none;  
}
```

```
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}
```

```
#heading {  
    font-family: 'Lobster', cursive;  
    padding-top: 20px;  
    color: maroon;  
    margin: auto;  
    font-size: 50px;  
}
```

```
#head {  
    color: purple;  
}
```

```
@media screen and (max-width: 600px) {  
.row {  
    display: flex;  
    flex-direction: column;  
    justify-content: space-around;  
    align-items: center;  
    height: 100%;  
    text-align: center;  
}
```

```
.container {  
    padding-top: 23%;  
}  
.space {  
    padding-top: 5%;  
    ;  
}  
}  
  
.buttonm {  
    background-color: #4CAF50;  
    /* Green */  
    border: none;  
    color: white;  
    padding: 15px 32px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
    font-size: 16px;  
    margin: 4px 2px;  
    cursor: pointer;  
}  
  
.button1 {  
    background-color: white;  
    color: black;  
    border: 2px solid #4CAF50;  
}  
</style>  
</head>
```

```
<body>

<br />
<br />
<br />
<br />

<center>

    <h1>Welcome to PYTHON</h1>
    <h3>Course Outline</h3>

<p>_____</p>

</center>

<div classname="week1">

    <center>

        <div className="week1">
            <h4>WEEK 1</h4></div>
        </center>

        <iframe width="760" height="515"
src="https://www.youtube.com/embed/P1vH3Pfw6BI" title="YouTube video player"
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope;
picture-in-picture" allowfullscreen style="position: absolute; top: 300px; right:
350px;"></iframe>

    </div>

    <br>
    <br>
    <br>
    <br>
    <br>
    <br>
    <br>
    <br>
    <br>
    <br>
```


picture-in-picture" allowFullScreen style="position: absolute; top: 1600px; right: 350px;"></iframe>

```

        location.href = "quizpythonview";
    }
</script>
<!--<center><Button class="buttonm button1" onclick="quizpython()" style="top: 1000px; left:300;">Quiz </Button> </center>-->
<center> <a href="{% url 'quizpython' %}" class="buttonm button1" style="top: 10px; left:300;">Quiz</a></center>
</div>
</div>
<div id="mySidenav" class="sidenav"> <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a> <a href="{% url 'home' %}">My Courses</a> <a href="{% url 'availcourse' %}">Available Courses</a> <a href="{% url 'viewbook' %}">View Books</a>
</div>
<script>
document.getElementById("mySidenav").style.width = "250px";
document.getElementById("mySidenav").style.width = "250px";
</script>
<nav class="navbar navbar-expand-sm bg-info navbar-dark fixed-top"> <a class="navbar-brand" href="#"><i class="fa fa-home" style="font-size:30px"></i></a>
<h2 id="head1">STUDY BUDDY</h2>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>
<div class="collapse navbar-collapse" id="collapsibleNavbar">
<ul class="navbar-nav ml-auto">
<!-- <li class="nav-item">
<a class="nav-link active" onclick="about()">ABOUT</a>
</li>-->
<li class="nav-item"> <a class="nav-link active" href="{% url 'about' %}">ABOUT</a> </li>

```

```

        <li class="nav-item dropdown active"><a class="nav-link
dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown"
aria-haspopup="true" aria-expanded="false">{ {user.username} }</a>
            <div class="dropdown-menu" aria-labelledby="dropdown09"><a
class="dropdown-item" href="{% url 'logout' %}">Logout</a></div>
        </li>
    </ul>
</div>
</nav>
<br>
<div class="container-fluid" style="margin-top:15px">
    <div class="container">
        <table>
            <tr>
                <td>
                    <div class="row sub align-items-center">
                        <div class="col">
                            <!----></div>
                        <div class="col space">
                            <!--<button class="button"
onclick="buy()">BUY A
PROPERTY</button><br><br><br>
<button class="button" onclick="sell()">SELL A PROPERTY</button>
-->
                        </div>
                    </div>
                </td>
            </tr>
        </table>
    </div>
</div>

```

```

        </div>
    </div>
</body>

</html>
xi)quiz_cpp.html
<!DOCTYPE html>
<html lang="en">

<head>
    <title> Cpp Quiz </title>
    <meta name="viewport" content="user-scalable=no, initial-scale=1.0, maximum-scale=1.0, width=device-width">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/bootstrap-theme.min.css">
    <link rel="stylesheet" href="css/spinkit.css"> </head>

<body>
    <div class="element" id="timer_area" style="position: fixed; top:0px; height: 100px; width:100%; background-color:rgb(23,162,184); font-size: 2em; color:#fff; padding: 5px;">
        <div align="center">
            <div id="timer" style="font-size:1.5em"></div>
            <div id="answer_status" style="font-size:1.5em"></div>
        </div>
    </div>
    <div class="element" id="question_area" style="width: 100%; padding-top: 100px; padding-bottom: 80px; padding-left:8px; padding-right: 8px">
        <div class="pic"> </div>
        <div class="question" style="font-size: 2.5em"> </div>
        <div class="answers"> </div>

```

```
<div id="quiz"></div>

<!--<button href="https://www.google.co.in/" id="goback">GoBack</button>--><a href="% url 'cppcourse' %" id="goback" style="top: 10px; left:300;" disabled>Go Back</a>

<button id="submit" onclick="resetElement()">Submit Quiz</button>

<div id="results"></div>

<style>

body {
    font-family: sans-serif;
    display: grid;
    height: 100vh;
    place-items: center;
}

.base-timer {
    top: 0;
    position: fixed;
    right: 0;
    width: 100px;
    height: 70px;
}

.base-timer__svg {
    transform: scaleX(-1);
}

.base-timer__circle {
    fill: none;
    stroke: none;
}
```

```
.base-timer__path-elapsed {  
    stroke-width: 7px;  
    stroke: grey;  
}
```

```
.base-timer__path-remaining {  
    stroke-width: 7px;  
    stroke-linecap: round;  
    transform: rotate(90deg);  
    transform-origin: center;  
    transition: 1s linear all;  
    fill-rule: nonzero;  
    stroke:currentColor;  
}
```

```
.base-timer__path-remaining.green {  
    color: rgb(65, 184, 131);  
}
```

```
.base-timer__path-remaining.orange {  
    color: orange;  
}
```

```
.base-timer__path-remaining.red {  
    color: red;  
}
```

```
.base-timer__label {  
    position: fixed;  
    width: 50px;
```

```
height: 50px;  
top: 25px;  
right: 25px;  
display: flex;  
align-items: center;  
justify-content: center;  
font-size: 28px;  
}  
</style>  
<style>  
body {  
    font-size: 20px;  
    font-family: sans-serif;  
    color: #333;  
}  
  
.question {  
    font-weight: 600;  
}  
  
.answers {  
    margin-bottom: 20px;  
}  
  
.answers label {  
    display: block;  
}  
  
#submit {  
    font-family: sans-serif;
```

```
    font-size: 20px;  
    background-color: #279;  
    color: #fff;  
    border: 0px;  
    border-radius: 3px;  
    padding: 10px;  
    cursor: pointer;  
    margin-bottom: 20px;  
}
```

```
#submit:hover {  
    background-color: #38a;  
}
```

```
#goback {  
/* position: absolute; */  
position: -webkit-sticky;  
position: fixed;  
font-family: sans-serif;  
font-size: 20px;  
background-color: #279;  
color: #fff;  
border: 0px;  
border-radius: 3px;  
padding: 16px;  
cursor: pointer;  
margin-bottom: 20px;  
top: 0;  
left: 10px;  
}
```

```

</style>

<script>

(function() {

    function buildQuiz() {

        // variable to store the HTML output

        const output = [];

        // for each question...

        myQuestions.forEach(
            (currentQuestion, questionNumber) => {

                // variable to store the list of possible answers

                const answers = [];

                // and for each available answer...

                for(letter in currentQuestion.answers) {

                    // ...add an HTML radio button

                    answers.push(`<label>
<input type="radio" name="question${questionNumber}" value="${letter}">
${letter} :
${currentQuestion.answers[letter]}
</label>`);

                }

                // add this question and its answers to the output

                output.push(`<div class="question">
${currentQuestion.question} </div>
<div class="answers"> ${answers.join("")} </div>`);
            });

        // finally combine our output list into one string of HTML and put it on
        // the page

        quizContainer.innerHTML = output.join("");
    }
})

```

```

function showResults() {
    // gather answer containers from our quiz
    const answerContainers = quizContainer.querySelectorAll('.answers');

    // keep track of user's answers
    let numCorrect = 0;

    // for each question...
    myQuestions.forEach((currentQuestion, questionNumber) => {
        // find selected answer
        const answerContainer = answerContainers[questionNumber];
        const selector =
`input[name=question${questionNumber}]:checked`;

        const userAnswer = (answerContainer.querySelector(selector) ||
{}) .value;

        // if answer is correct
        if(userAnswer === currentQuestion.correctAnswer) {
            // add to the number of correct answers
            numCorrect++;

            // color the answers green
            answerContainers[questionNumber].style.color =
'lightgreen';
        }
        // if answer is wrong or blank
        else {
            // color the answers red
            answerContainers[questionNumber].style.color = 'red';
        }
    });

    // show number of correct answers out of total
    resultsContainer.innerHTML = `${numCorrect} out of
${myQuestions.length}`;
}

```

```
const quizContainer = document.getElementById('quiz');
const resultsContainer = document.getElementById('results');
const submitButton = document.getElementById('submit');
const myQuestions = [
```

question: "Which of the following is the correct syntax to add the header file in the C++ program?",

answers: {

- a: "#include<userdefined>",
- b: "<include>void",
- c: "<include>userdefined.h",
- d: "None of the above"

},

correctAnswer: "a"

}, {

question: "Which of the following features must be supported by any programming language to become a pure object-oriented programming language?",

answers: {

- a: "Encapsulation",
- b: "Polymorphism",
- c: "Both A and B",

},

correctAnswer: "c"

}, {

question: "The programming language that has the ability to create new data types is called ____." ,

answers: {

- a: "Overloaded",
- b: "Reprehensible",
- c: "Encapsulated",
- d: "Extensible"

},

```

        correctAnswer: "d"
    }, {
        question: "Which of the following refers to characteristics of an array?",

        answers: {
            a: "array is a set of similar data items",
            b: "array is a set of distinct data items",
            c: "None of the above"
        },
        correctAnswer: "a"
    }, {
        question: "The size_t integer type in C++ is? ",
        answers: {
            a: "Unsigned integer of at least 64 bits",
            b: "Signed integer of at least 16 bits",
            c: "Unsigned integer of at least 16 bits",
            d: "Signed integer of at least 64 bits"
        },
        correctAnswer: "c"
    }, {
        question: "Which of these expressions will isolate the rightmost set bit?",

        answers: {
            a: "x = x & (~x)",
            b: "x = x ^ (~x)",
            c: "x = x & (-x)",
            d: "x = x ^ (-x)"
        },
        correctAnswer: "c"
    }];
// Kick things off
buildQuiz();

```

```

// Event listeners
//submitButton.addEventListener('click',
//showResults());
//})());
// submitButton.addEventListener('click', showResults);
submitButton.addEventListener('click', () => {
    showResults();
    resetElement();
});
})());
//submitButton.addEventListener('click',resetElement );})());
</script>
<div id="app"></div>
<script>
const FULL_DASH_ARRAY = 283;
const WARNING_THRESHOLD = 10;
const ALERT_THRESHOLD = 5;
const COLOR_CODES = {
    info: {
        color: "green"
    },
    warning: {
        color: "orange",
        threshold: WARNING_THRESHOLD
    },
    alert: {
        color: "red",
        threshold: ALERT_THRESHOLD
    }
};

```

```

const TIME_LIMIT = 10;

let timePassed = 0;

let timeLeft = TIME_LIMIT;

let timerInterval = null;

let remainingPathColor = COLOR_CODES.info.color;

let x = 10;

document.getElementById("app").innerHTML = `

<div class="base-timer" id="bt">

<svg class="base-timer__svg" viewBox="0 0 100 100" xmlns="http://www.w3.org/2000/svg">

<g class="base-timer__circle">

<circle class="base-timer__path-elapsed" cx="50" cy="50" r="45"></circle>

<path

id="base-timer-path-remaining"

stroke-dasharray="283"

class="base-timer__path-remaining ${remainingPathColor}"

d="

M 50, 50

m -45, 0

a 45,45 0 1,0 90,0

a 45,45 0 1,0 -90,0

"

></path>

</g>

</svg>

<span id="base-timer-label" class="base-timer__label">${formatTime(


timeLeft


)}</span>

</div>

`;

startTimer();

```

```

function onTimesUp() {
    clearInterval(timerInterval);
    document.getElementById("submit").click();
}

function startTimer() {
    timerInterval = setInterval(() => {
        timePassed = timePassed += 1;
        timeLeft = TIME_LIMIT - timePassed;
        x = x - 1;
        document.getElementById("base-timer-label").innerHTML =
formatTime(timeLeft);
        setCircleDasharray();
        setRemainingPathColor(timeLeft);
        if(timeLeft === 0) {
            onTimesUp();
        }
    }, 1000);
}

function formatTime(time) {
    const minutes = Math.floor(time / 60);
    let seconds = time % 60;
    if(seconds < 10) {
        seconds = `0${seconds}`;
    }
    return `${minutes}:${seconds}`;
}

```

```

function setRemainingPathColor(timeLeft) {
    const {
        alert, warning, info
    } = COLOR_CODES;
    if(timeLeft <= alert.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(warning.color);

document.getElementById("base-timer-path-remaining").classList.add(alert.color);
    } else if(timeLeft <= warning.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(info.color);

document.getElementById("base-timer-path-remaining").classList.add(warning.color);
    }
}

function calculateTimeFraction() {
    const rawTimeFraction = timeLeft / TIME_LIMIT;
    return rawTimeFraction - (1 / TIME_LIMIT) * (1 - rawTimeFraction);
}

function setCircleDasharray() {
    const circleDasharray = `${(
        calculateTimeFraction() * FULL_DASH_ARRAY
    ).toFixed(0)} 283`;

document.getElementById("base-timer-path-remaining").setAttribute("stroke-dasharray",
circleDasharray);
}

let timedone = 0;

```

```

        function resetElement() {
            document.getElementById("bt").style.display = "none";
        }
    </script>
</div>
</body>

</html>
```

xii)quiz_java.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>Java Quiz</title>
    <meta name="viewport" content="user-scalable=no, initial-scale=1.0, maximum-scale=1.0,
width=device-width">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/bootstrap-theme.min.css">
    <link rel="stylesheet" href="css/spinkit.css"> </head>

<body>
    <div class="element" id="timer_area" style="position: fixed; top:0px; height: 100px;
width:100%; background-color:rgb(23,162,184); font-size: 2em; color:#fff; padding: 5px;">
        <div align="center">
            <div id="timer" style="font-size:1.5em"></div>
            <div id="answer_status" style="font-size:1.5em"></div>
        </div>
    </div>
```

```

<div class="element" id="question_area" style="width: 100%; padding-top: 100px;
padding-bottom: 80px; padding-left: 8px; padding-right: 8px">

    <div class="pic"> </div>

    <div class="question" style="font-size: 2.5em"> </div>

    <div class="answers"> </div>

    <div id="quiz"></div>

    <!--<button href="https://www.google.co.in/" id="goback">GoBack</button>--><a
    href="<% url 'javacourse' %>" id="goback" style="top: 10px; left: 300;" disabled>Go Back</a>

    <button id="submit" onclick="resetElement()">Submit Quiz</button>

    <div id="results"></div>

    <style>

body {
    font-family: sans-serif;
    display: grid;
    height: 100vh;
    place-items: center;
}

.base-timer {
    top: 0;
    position: fixed;
    right: 0;
    width: 100px;
    height: 70px;
}

.base-timer__svg {
    transform: scaleX(-1);
}

```

```
.base-timer__circle {  
    fill: none;  
    stroke: none;  
}  
  
.base-timer__path-elapsed {  
    stroke-width: 7px;  
    stroke: grey;  
}  
  
.base-timer__path-remaining {  
    stroke-width: 7px;  
    stroke-linecap: round;  
    transform: rotate(90deg);  
    transform-origin: center;  
    transition: 1s linear all;  
    fill-rule: nonzero;  
    stroke:currentColor;  
}  
  
.base-timer__path-remaining.green {  
    color: rgb(65, 184, 131);  
}  
  
.base-timer__path-remaining.orange {  
    color: orange;  
}  
  
.base-timer__path-remaining.red {  
    color: red;
```

```
}

.base-timer__label {
    position: fixed;
    width: 50px;
    height: 50px;
    top: 25px;
    right: 25px;
    display: flex;
    align-items: center;
    justify-content: center;
    font-size: 28px;
}

</style>
<style>
body {
    font-size: 20px;
    font-family: sans-serif;
    color: #333;
}

.question {
    font-weight: 600;
}

.answers {
    margin-bottom: 20px;
}

.answers label {
```

```
    display: block;  
}  
  
#submit {  
    font-family: sans-serif;  
    font-size: 20px;  
    background-color: #279;  
    color: #fff;  
    border: 0px;  
    border-radius: 3px;  
    padding: 10px;  
    cursor: pointer;  
    margin-bottom: 20px;  
}
```

```
#submit:hover {  
    background-color: #38a;  
}
```

```
#goback {  
/* position: absolute; */  
    position: -webkit-sticky;  
    position: fixed;  
    font-family: sans-serif;  
    font-size: 20px;  
    background-color: #279;  
    color: #fff;  
    border: 0px;  
    border-radius: 3px;  
    padding: 16px;
```

```

        cursor: pointer;
        margin-bottom: 20px;
        top: 0;
        left: 10px;
    }

```

</style>

<script>

```

(function() {

    function buildQuiz() {

        // variable to store the HTML output
        const output = [];

        // for each question...
        myQuestions.forEach(
            (currentQuestion, questionNumber) => {

                // variable to store the list of possible answers
                const answers = [];

                // and for each available answer...
                for(letter in currentQuestion.answers) {

                    // ...add an HTML radio button
                    answers.push(`<label>

<input type="radio" name="question${questionNumber}" value="${letter}">
${letter} :
${currentQuestion.answers[letter]}

</label>`);

                }

                // add this question and its answers to the output
                output.push(`<div class="question">
${currentQuestion.question} </div>
<div class="answers"> ${answers.join("")} </div>`);

            });
    }
}

```

```

    // finally combine our output list into one string of HTML and put it on
the page

    quizContainer.innerHTML = output.join(");

}

function showResults() {

    // gather answer containers from our quiz

    const answerContainers = quizContainer.querySelectorAll('.answers');

    // keep track of user's answers

    let numCorrect = 0;

    // for each question...

    myQuestions.forEach((currentQuestion, questionNumber) => {

        // find selected answer

        const answerContainer = answerContainers[questionNumber];

        const selector =
`input[name=question${questionNumber}]:checked`;

        const userAnswer = (answerContainer.querySelector(selector) ||
{}).value;

        // if answer is correct

        if(userAnswer === currentQuestion.correctAnswer) {

            // add to the number of correct answers

            numCorrect++;

            // color the answers green

            answerContainers[questionNumber].style.color =
'lightgreen';

        }

        // if answer is wrong or blank

        else {

            // color the answers red

            answerContainers[questionNumber].style.color = 'red';

        }

    })

}

```

```

    });

    // show number of correct answers out of total
    resultsContainer.innerHTML = `${numCorrect} out of
${myQuestions.length}`;

}

const quizContainer = document.getElementById('quiz');
const resultsContainer = document.getElementById('results');
const submitButton = document.getElementById('submit');
const myQuestions = [
    {
        question: "What is the return type of a method that does not return any
value?",

        answers: {
            a: "int",
            b: "void",
            c: "double",
            d: "None of the above"
        },
        correctAnswer: "b"
    },
    {
        question: "What is the process of defining more than one method in a
class differentiated by method signature?",

        answers: {
            a: "Function Overloading",
            b: "Function Overriding",
            c: "Function Doibling",
        },
        correctAnswer: "a"
    },
    {
        question: "Which of the following is not OOPS concept in Java?",

        answers: {
            a: "Inheritance",
        }
    }
];

```

```
b: "Polymorphism",
c: "Encapsulation",
d: "Compliation"

},
correctAnswer: "d"

}, {

question: "Method overriding is combination of inheritance and polymorphism?",

answers: {

a: "False",
b: "True",

},
correctAnswer: "b"

}, {

question: "Which of the following is not a Java features? ",

answers: {

a: "Dynamic",
b: "Architecture Neutral",
c: "Use of pointers",
d: "Object Oreinted"

},
correctAnswer: "c"

}, {

question: "Evaluate the following Java expression, if x=3, y=5, and z=10  
++z + y - y + z + x++",

answers: {

a: "23",
b: "20",
c: "24",
d: "21"
}
```

```

        },
        correctAnswer: "c"
    }];
// Kick things off
buildQuiz();
// Event listeners
//submitButton.addEventListener('click',
//showResults());
//})();
// submitButton.addEventListener('click', showResults);
submitButton.addEventListener('click', () => {
    showResults();
    resetElement();
});
})();
//submitButton.addEventListener('click',resetElement );})());
</script>
<div id="app"></div>
<script>
const FULL_DASH_ARRAY = 283;
const WARNING_THRESHOLD = 10;
const ALERT_THRESHOLD = 5;
const COLOR_CODES = {
    info: {
        color: "green"
    },
    warning: {
        color: "orange",
        threshold: WARNING_THRESHOLD
    },
}

```

```

    alert: {
        color: "red",
        threshold: ALERT_THRESHOLD
    }
};

const TIME_LIMIT = 10;

let timePassed = 0;

let timeLeft = TIME_LIMIT;

let timerInterval = null;

let remainingPathColor = COLOR_CODES.info.color;

let x = 10;

document.getElementById("app").innerHTML = `

<div class="base-timer" id="bt">

    <svg class="base-timer__svg" viewBox="0 0 100 100" xmlns="http://www.w3.org/2000/svg">

        <g class="base-timer__circle">
            <circle class="base-timer__pathelapsed" cx="50" cy="50" r="45"></circle>
            <path
                id="base-timer-path-remaining"
                stroke-dasharray="283"
                class="base-timer__path-remaining ${remainingPathColor}"
                d="
                    M 50, 50
                    m -45, 0
                    a 45,45 0 1,0 90,0
                    a 45,45 0 1,0 -90,0
                "
            ></path>
        </g>
    </svg>

    <span id="base-timer-label" class="base-timer__label">${formatTime(

```

```

    timeLeft
) } </span>
</div>
`;  

startTimer();  
  

function onTimesUp() {  

    clearInterval(timerInterval);  

    document.getElementById("submit").click();  

}  
  

function startTimer() {  

    timerInterval = setInterval(() => {  

        timePassed = timePassed += 1;  

        timeLeft = TIME_LIMIT - timePassed;  

        x = x - 1;  

        document.getElementById("base-timer-label").innerHTML =  

formatTime(timeLeft);  

        setCircleDasharray();  

        setRemainingPathColor(timeLeft);  

        if(timeLeft === 0) {  

            onTimesUp();  

        }
    }, 1000);
}  
  

function formatTime(time) {  

    const minutes = Math.floor(time / 60);  

    let seconds = time % 60;  

    if(seconds < 10) {

```

```

        seconds = `0${seconds}`;
    }

    return `${minutes}:${seconds}`;
}

function setRemainingPathColor(timeLeft) {
    const {
        alert, warning, info
    } = COLOR_CODES;
    if(timeLeft <= alert.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(warning.color);

document.getElementById("base-timer-path-remaining").classList.add(alert.color);
    } else if(timeLeft <= warning.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(info.color);

document.getElementById("base-timer-path-remaining").classList.add(warning.color);
    }
}

function calculateTimeFraction() {
    const rawTimeFraction = timeLeft / TIME_LIMIT;
    return rawTimeFraction - (1 / TIME_LIMIT) * (1 - rawTimeFraction);
}

function setCircleDasharray() {
    const circleDasharray = `${(
calculateTimeFraction() * FULL_DASH_ARRAY
).toFixed(0)} 283`;
}

```

```

document.getElementById("base-timer-path-remaining").setAttribute("stroke-dasharray",
circleDasharray);

}

let timedone = 0;

function resetElement() {

    document.getElementById("bt").style.display = "none";

}

</script>

</div>

</body>

</html>

```

xiii)quiz_python.html

```

<!DOCTYPE html>

<html lang="en">

<head>

```

```

    <title>Python Quiz</title>

    <meta name="viewport" content="user-scalable=no, initial-scale=1.0, maximum-scale=1.0,
width=device-width">

    <link rel="stylesheet" href="css/bootstrap.min.css">

    <link rel="stylesheet" href="css/bootstrap-theme.min.css">

    <link rel="stylesheet" href="css/spinkit.css"> </head>

```

```

<body>

    <div class="element" id="timer_area" style="position: fixed; top:0px; height: 100px;
width:100%; background-color:rgb(23,162,184); font-size: 2em; color:#fff; padding: 5px;">

        <div align="center">

            <div id="timer" style="font-size:1.5em"></div>

```

```

<div id="answer_status" style="font-size:1.5em"></div>

</div>

</div>

<div class="element" id="question_area" style="width: 100%; padding-top: 100px; padding-bottom: 80px; padding-left: 8px; padding-right: 8px">

    <div class="pic"> </div>

    <div class="question" style="font-size: 2.5em"> </div>

    <div class="answers"> </div>

    <div id="quiz"></div>

    <!--<button href="https://www.google.co.in/" id="goback">GoBack</button>--><a href="{% url 'pythoncourse' %}" id="goback" style="top: 10px; left: 300;" disabled>Go Back</a>

    <button id="submit" onclick="resetElement()">Submit Quiz</button>

    <div id="results"></div>

    <style>

body {

    font-family: sans-serif;
    display: grid;
    height: 100vh;
    place-items: center;
}

.base-timer {

    top: 0;
    position: fixed;
    right: 0;
    width: 100px;
    height: 70px;
}

.base-timer__svg {

```

```
    transform: scaleX(-1);  
}  
  
.base-timer__circle {  
    fill: none;  
    stroke: none;  
}  
  
.base-timer__path-elapsed {  
    stroke-width: 7px;  
    stroke: grey;  
}  
  
.base-timer__path-remaining {  
    stroke-width: 7px;  
    stroke-linecap: round;  
    transform: rotate(90deg);  
    transform-origin: center;  
    transition: 1s linear all;  
    fill-rule: nonzero;  
    stroke:currentColor;  
}  
  
.base-timer__path-remaining.green {  
    color: rgb(65, 184, 131);  
}  
  
.base-timer__path-remaining.orange {  
    color: orange;  
}
```

```
.base-timer__path-remaining.red {  
    color: red;  
}  
  
{
```

```
.base-timer__label {  
    position: fixed;  
    width: 50px;  
    height: 50px;  
    top: 25px;  
    right: 25px;  
    display: flex;  
    align-items: center;  
    justify-content: center;  
    font-size: 28px;  
}  
}
```

```
</style>
```

```
<style>  
body {  
    font-size: 20px;  
    font-family: sans-serif;  
    color: #333;  
}
```

```
.question {  
    font-weight: 600;  
}  
}
```

```
.answers {  
    margin-bottom: 20px;
```

```
}

.answers label {
    display: block;
}

#submit {
    font-family: sans-serif;
    font-size: 20px;
    background-color: #279;
    color: #fff;
    border: 0px;
    border-radius: 3px;
    padding: 10px;
    cursor: pointer;
    margin-bottom: 20px;
}

#submit:hover {
    background-color: #38a;
}

#goback {
/* position: absolute;*/
    position: -webkit-sticky;
    position: fixed;
    font-family: sans-serif;
    font-size: 20px;
    background-color: #279;
    color: #fff;
```

```

border: 0px;
border-radius: 3px;
padding: 16px;
cursor: pointer;
margin-bottom: 20px;
top: 0;
left: 10px;
}

</style>

<script>

(function() {

    function buildQuiz() {

        // variable to store the HTML output
        const output = [];

        // for each question...
        myQuestions.forEach(
            (currentQuestion, questionNumber) => {

                // variable to store the list of possible answers
                const answers = [];
                // and for each available answer...
                for(letter in currentQuestion.answers) {

                    // ...add an HTML radio button
                    answers.push(`<label>
<input type="radio" name="question${questionNumber}" value="${letter}">
${letter} :
${currentQuestion.answers[letter]}
</label>`);

                }
                // add this question and its answers to the output
            }
        );
    }

    // add a submit button to the quiz
    document.querySelector('#quiz').innerHTML = buildQuiz();
}
)
```

```

        output.push(`<div class="question">
${currentQuestion.question} </div>
<div class="answers"> ${answers.join("")} </div>`);
    });

    // finally combine our output list into one string of HTML and put it on
the page

    quizContainer.innerHTML = output.join(");

}

function showResults() {
    // gather answer containers from our quiz
    const answerContainers = quizContainer.querySelectorAll('.answers');
    // keep track of user's answers
    let numCorrect = 0;
    // for each question...
    myQuestions.forEach((currentQuestion, questionNumber) => {
        // find selected answer
        const answerContainer = answerContainers[questionNumber];
        const selector =
`input[name=question${questionNumber}]:checked`;
        const userAnswer = (answerContainer.querySelector(selector) ||
{}).value;
        // if answer is correct
        if(userAnswer === currentQuestion.correctAnswer) {
            // add to the number of correct answers
            numCorrect++;
            // color the answers green
            answerContainers[questionNumber].style.color =
'lightgreen';
        }
        // if answer is wrong or blank
    });
}

```

```

        else {
            // color the answers red
            answerContainers[questionNumber].style.color = 'red';
        }
    });

    // show number of correct answers out of total
    resultsContainer.innerHTML = `${numCorrect} out of
${myQuestions.length}`;
}

const quizContainer = document.getElementById('quiz');
const resultsContainer = document.getElementById('results');
const submitButton = document.getElementById('submit');
const myQuestions = [
    {
        question: "What is the output of print 0.1 + 0.2 == 0.3?",

        answers: {
            a: "True",
            b: "False",
            c: "Machine Independent",
            d: "None of the above"
        },
        correctAnswer: "a"
    },
    {
        question: "The output of executing string.ascii_letters can also be
achieved by:",

        answers: {
            a: "string.ascii_lowercase_string.digits",
            b: "string.ascii_lowercase+string.ascii_uppercase",
            c: "string.letters",
            d: "string.lowercase_string.uppercase"
        },
    }
];

```

correctAnswer: "b"
}, {

question: "What arithmetic operators cannot be used with strings?",

answers: {

a: "+",

b: "*",

c: "-",

d: "All of the Above"

},

correctAnswer: "c"

}, {

question: "How many except statements can a try-except block have?",

answers: {

a: "zero",

b: "one",

c: "more than one",

d: "more than zero",

},

correctAnswer: "d"

}, {

question: "What will be the output of the following Python code?

int('65.43') ",

answers: {

a: "ImportError",

b: "ValueError",

c: "TypeError",

d: "NameError"

},

correctAnswer: "b"

}, {

```

question: "Which of the following statements is true?",

answers: {

    a: "The standard exceptions are automatically imported into
Python programs",

    b: "All raised standard exceptions must be handled in Python",

    c: "When there is a deviation from the rules of a programming
language, a semantic error is thrown",

    d: "If any exception is thrown in try block, else block is executed"
},

correctAnswer: "a"

};

// Kick things off

buildQuiz();

// Event listeners

//submitButton.addEventListener('click',
//showResults());
//}());
// submitButton.addEventListener('click', showResults);

submitButton.addEventListener('click', () => {
    showResults();
    resetElement();
});

})();

//submitButton.addEventListener('click',resetElement );}());
</script>

<div id="app"></div>

<script>
const FULL_DASH_ARRAY = 283;
const WARNING_THRESHOLD = 10;
const ALERT_THRESHOLD = 5;

```

```

const COLOR_CODES = {
    info: {
        color: "green"
    },
    warning: {
        color: "orange",
        threshold: WARNING_THRESHOLD
    },
    alert: {
        color: "red",
        threshold: ALERT_THRESHOLD
    }
};

const TIME_LIMIT = 10;
let timePassed = 0;
let timeLeft = TIME_LIMIT;
let timerInterval = null;
let remainingPathColor = COLOR_CODES.info.color;
let x = 10;
document.getElementById("app").innerHTML =
`<div class="base-timer" id="bt">
<svg class="base-timer__svg" viewBox="0 0 100 100" xmlns="http://www.w3.org/2000/svg">
<g class="base-timer__circle">
<circle class="base-timer__pathelapsed" cx="50" cy="50" r="45"></circle>
<path
    id="base-timer-path-remaining"
    stroke-dasharray="283"
    class="base-timer__path-remaining ${remainingPathColor}"
    d="M 50, 50
      M 50, 50
      A 45, 45, 0, 1, 1, 50, 50
      Z"
></path>
</g>
</svg>
</div>`;

```

```

m -45, 0
a 45,45 0 1,0 90,0
a 45,45 0 1,0 -90,0
"
></path>
</g>
</svg>
${formatTime(
    timeLeft
)}</span>
</div>
`;
startTimer();

```

```
function onTimesUp() {
```

```
    clearInterval(timerInterval);
    document.getElementById("submit").click();
}
```

```
function startTimer() {
```

```
    timerInterval = setInterval(() => {
        timePassed = timePassed += 1;
        timeLeft = TIME_LIMIT - timePassed;
        x = x - 1;
        document.getElementById("base-timer-label").innerHTML =
formatTime(timeLeft);
        setCircleDasharray();
        setRemainingPathColor(timeLeft);
        if(timeLeft === 0) {
            onTimesUp();
        }
    }, 1000);
}
```

```

        }
    }, 1000);
}

function formatTime(time) {
    const minutes = Math.floor(time / 60);
    let seconds = time % 60;
    if(seconds < 10) {
        seconds = `0${seconds}`;
    }
    return `${minutes}:${seconds}`;
}

function setRemainingPathColor(timeLeft) {
    const {
        alert, warning, info
    } = COLOR_CODES;
    if(timeLeft <= alert.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(warning.color);

document.getElementById("base-timer-path-remaining").classList.add(alert.color);
    } else if(timeLeft <= warning.threshold) {

document.getElementById("base-timer-path-remaining").classList.remove(info.color);

document.getElementById("base-timer-path-remaining").classList.add(warning.color);
    }
}

function calculateTimeFraction() {

```

```

        const rawTimeFraction = timeLeft / TIME_LIMIT;
        return rawTimeFraction - (1 / TIME_LIMIT) * (1 - rawTimeFraction);

    }

    function setCircleDasharray() {
        const circleDasharray = `${(
            calculateTimeFraction() * FULL_DASH_ARRAY
        ).toFixed(0)} 283`;

        document.getElementById("base-timer-path-remaining").setAttribute("stroke-dasharray",
        circleDasharray);
    }

    let timedone = 0;

    function resetElement() {
        document.getElementById("bt").style.display = "none";
    }

    </script>
</div>

</body>

</html>

```

xiv)viewbooks.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>View Books</title>
    <br>
    <br>

```

```

<br>
<br>
<center>
  <h3 style="position: absolute; top: 30%; left: 50%;">Books </h3>
  <p style=" position: absolute; top: 35%; left: 50%;>
  _____
  </p>
</center>
<link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
      href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
      src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
<script
      src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <style>
    body {
      font-family: "Lato", sans-serif;
    }
    .sidenav {
      height: 100%;
      width: 0;
      position: fixed;
      z-index: 1;
    }
  </style>
</head>
<body>
  <div class="sidenav">
    <h3 style="position: absolute; top: 30%; left: 50%;">Books </h3>
    <p style=" position: absolute; top: 35%; left: 50%;>
  _____
  </p>
</div>
</body>

```

```
    top: 0;  
    left: 0;  
    background-color: black;  
    overflow-x: hidden;  
    transition: 0.5s;  
    padding-top: 60px;  
}  
  
}
```

```
.sidenav a {  
    padding: 8px 8px 8px 32px;  
    text-decoration: none;  
    font-size: 25px;  
    color: #818181;  
    display: block;  
    transition: 0.3s;  
}  
  
}
```

```
.sidenav a:hover {  
    color: #f1f1f1;  
}
```

```
.sidenav .closebtn {  
    position: absolute;  
    top: 0;  
    right: 25px;  
    font-size: 36px;  
    margin-left: 50px;  
}
```

```
@media screen and (max-height: 450px) {
```

```
.sidenav {  
    padding-top: 15px;  
}  
.sidenav a {  
    font-size: 18px;  
}  
  
body {  
    margin: 0;  
    font-family: "Lato", sans-serif;  
}  
  
.sidebar {  
    margin: 0;  
    padding: 0;  
    width: 200px;  
    background-color: #f1f1f1;  
    position: fixed;  
    height: 100%;  
    overflow: auto;  
}  
  
.sidebar a {  
    display: block;  
    color: black;  
    padding: 16px;  
    text-decoration: none;  
}
```

```
.sidebar a.active {  
    background-color: #04AA6D;  
    color: white;  
}  
 
```

```
.sidebar a:hover:not(.active) {  
    background-color: #555;  
    color: white;  
}  
 
```

```
div.content {  
    margin-left: 200px;  
    padding: 1px 16px;  
    height: 1000px;  
}  
 
```

```
@media screen and (max-width: 700px) {  
    .sidebar {  
        width: 100%;  
        height: auto;  
        position: relative;  
    }  
    .sidebar a {  
        float: left;  
    }  
    div.content {  
        margin-left: 0;  
    }  
}  
 
```

```
@media screen and (max-width: 400px) {  
    .sidebar a {  
        text-align: center;  
        float: none;  
    }  
}  
</style>  
</head>  
<style>  
#head1 {  
    color: white;  
}  
  
body {  
    background-color: azure;  
}  
  
.container {  
    display: flex;  
    flex-direction: row;  
    justify-content: center;  
    height: 80%;  
    text-align: center;  
    padding-top: 6%;  
    ;  
}  
  
.sub {  
    margin-top: auto;  
    margin-bottom: auto;
```

```
height: 100%;  
}  
  
}
```

```
.col {  
    text-align: center;  
}
```

```
.button {  
    width: 30%;  
    height: 80%;  
    font-size: 18px;  
    min-height: 50px;  
    min-width: 200px;  
    font-weight: bold;  
    color: white;  
    background-color: dodgerblue;  
    border-style: none;  
    text-decoration: none;  
}
```

```
.btn-primary:hover,  
.btn-primary:focus,  
.btn-primary:active,  
.btn-primary.active,  
.open>.dropdown-toggle.btn-primary {  
    color: #fff;  
}
```

```
#heading {  
    font-family: 'Lobster', cursive;
```

```
padding-top: 20px;  
color: maroon;  
margin: auto;  
font-size: 50px;  
}  
  
  
#head {  
color: purple;  
}  
  
  
@media screen and (max-width: 600px) {  
.row {  
display: flex;  
flex-direction: column;  
justify-content: space-around;  
align-items: center;  
height: 100%;  
text-align: center;  
}  
.container {  
padding-top: 23%;  
}  
.space {  
padding-top: 5%;  
;  
}  
}  
  
</style>  
<script>  
function javaCourse() {
```

```

        location.href = "javacourseview";
    }

    function pythonCourse() {
        location.href = "pythoncourseview";
    }

    function availcourse() {
        location.href = "availcourseview"
    }
</script>

</head>

<body> {% for c in Courses %} {% if c.user.username == user.username and
c.coursename|slugify == 'java' %}

    <div class="card" style="width: 18rem; position: absolute; top:40%; left: 22%;"> 

        <div class="card-body">
            <h5 class="card-title">JAVA</h5> <a href="{% url 'viewjavabook' %}">
class="btn btn-primary" id="buttonbefore">View Book</a> </div>

    </div> {% endif %} {% endfor %} {% for c in Courses %} {% if c.user.username ==
user.username and c.coursename|slugify == 'python' %}

        <div class="card" style="width: 18rem; position: absolute; top:40%; left: 45%;"> 

        <div class="card-body">
            <h5 class="card-title">PYTHON</h5> <a href="{% url 'viewpythonbook' %}">
class="btn btn-primary" id="buttonbefore2">View Book</a> </div>

    </div> {% endif %} {% endfor %} {% for c in Courses %} {% if c.user.username ==
user.username and c.coursename|slugify == 'cpp' %}


```

```

<div class="card" style="width: 18rem; position: absolute; top:40%; left: 68%;"> 

<div class="card-body">
    <h5 class="card-title">C++</h5> <a href="#"><% url 'viewcppbook' %>" class="btn
btn-primary" id="buttonbefore2">View Book</a> </div>

</div> {% endif %} {% endfor %}

<div id="mySidenav" class="sidenav"> <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a> <a href="#"><% url 'home' %}">My Courses</a> <a href="#"><%
url 'availcourse' %}">Available Courses</a> <a href="#"><% url 'viewbook' %}">View Books</a>
</div>

<script>
document.getElementById("mySidenav").style.width = "250px";
</script>

<nav class="navbar navbar-expand-sm bg-info navbar-dark fixed-top"> <a
class="navbar-brand" href="#"><i class="fa fa-home" style="font-size:30px"></i></a>

    <h2 id="head1">STUDY BUDDY</h2>

    <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#collapsibleNavbar"> <span class="navbar-toggler-icon"></span> </button>

    <div class="collapse navbar-collapse" id="collapsibleNavbar">
        <ul class="navbar-nav ml-auto">

            <li class="nav-item"> <a class="nav-link active" href="#"><% url 'about'
%}">ABOUT</a> </li>

            <li class="nav-item dropdown active"> <a class="nav-link
dropdown-toggle" href="http://example.com" id="dropdown09" data-toggle="dropdown"
aria-haspopup="true" aria-expanded="false">{ user.username } </a>
                <div class="dropdown-menu" aria-labelledby="dropdown09"> <a
class="dropdown-item" href="#"><% url 'logout' %}">Logout</a> </div>
            </li>
        </ul>
    </div>

```

```

</nav>

<br>

<div class="container-fluid" style="margin-top:15px">
    <div class="container">
        <table>
            <tr>
                <td>
                    <div class="row sub align-items-center">
                        <div class="col">
                            <!----></div>
                        <div class="col space">
                            </div>
                        </div>
                    </div>
                </td>
            </tr>
        </table>
    </div>
</div>

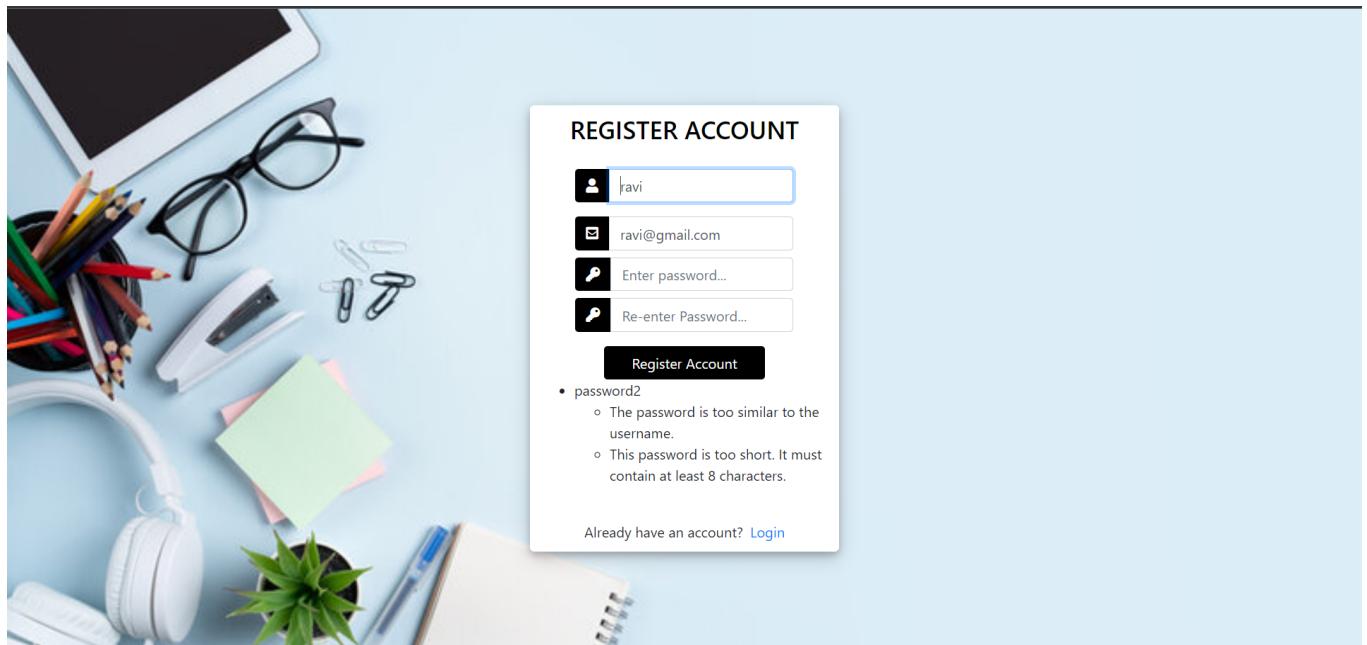
</body>

</html>

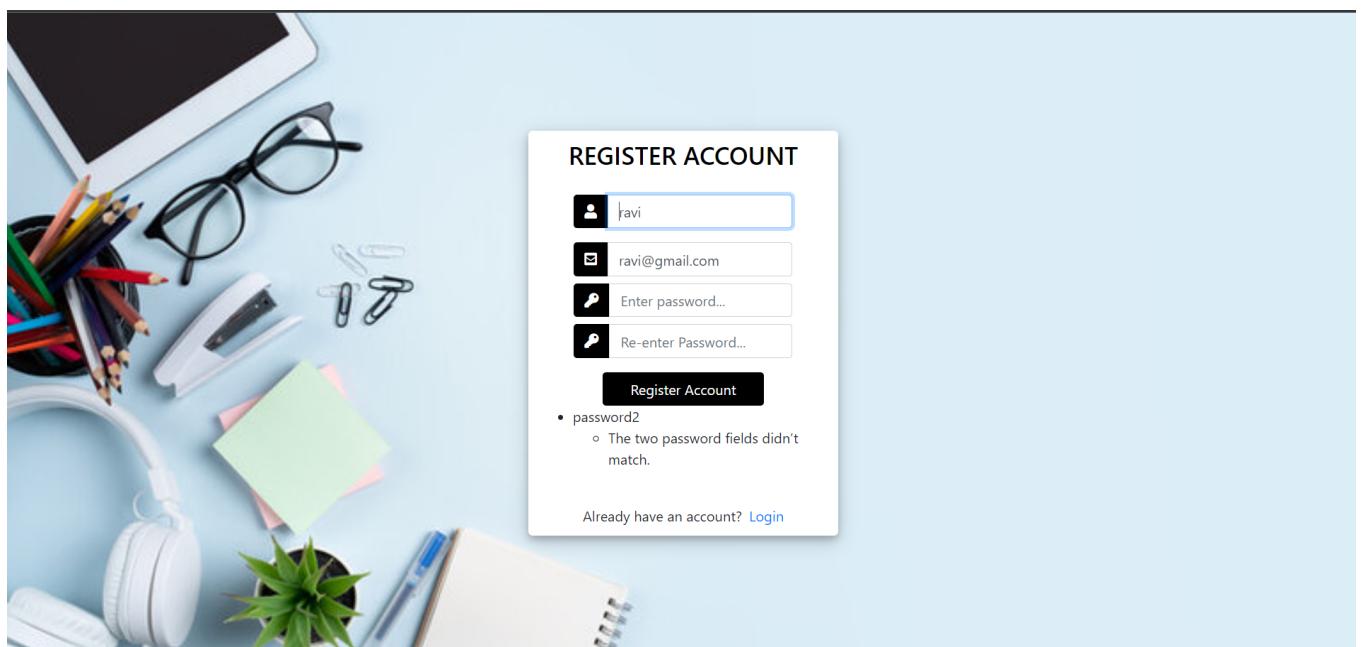
```

4.3.3 Testing

Testing for password validation:
password too short

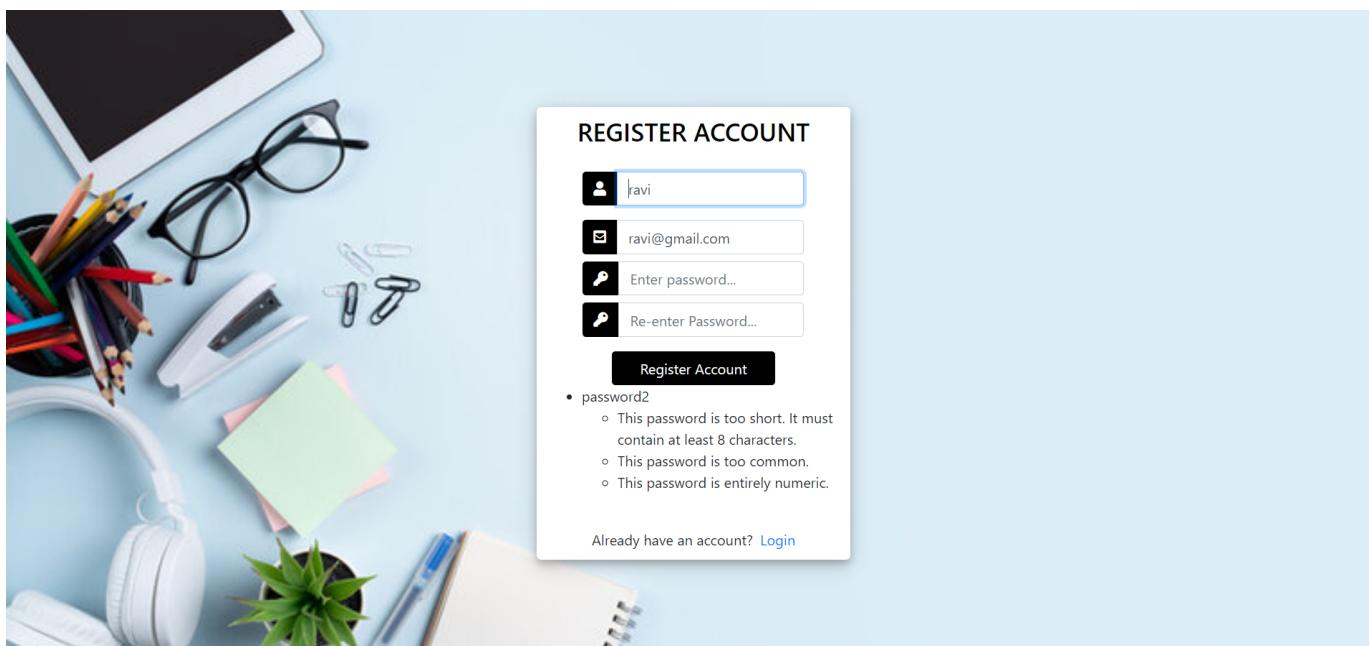


password fields did not match

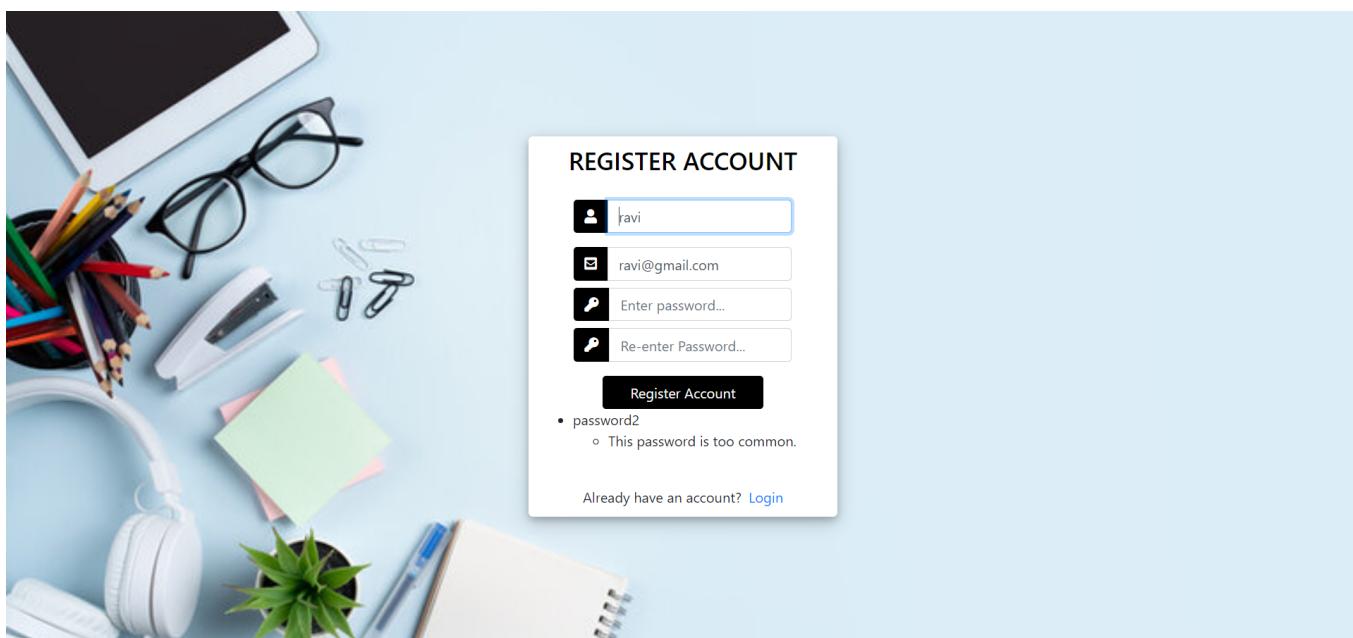


password is too common

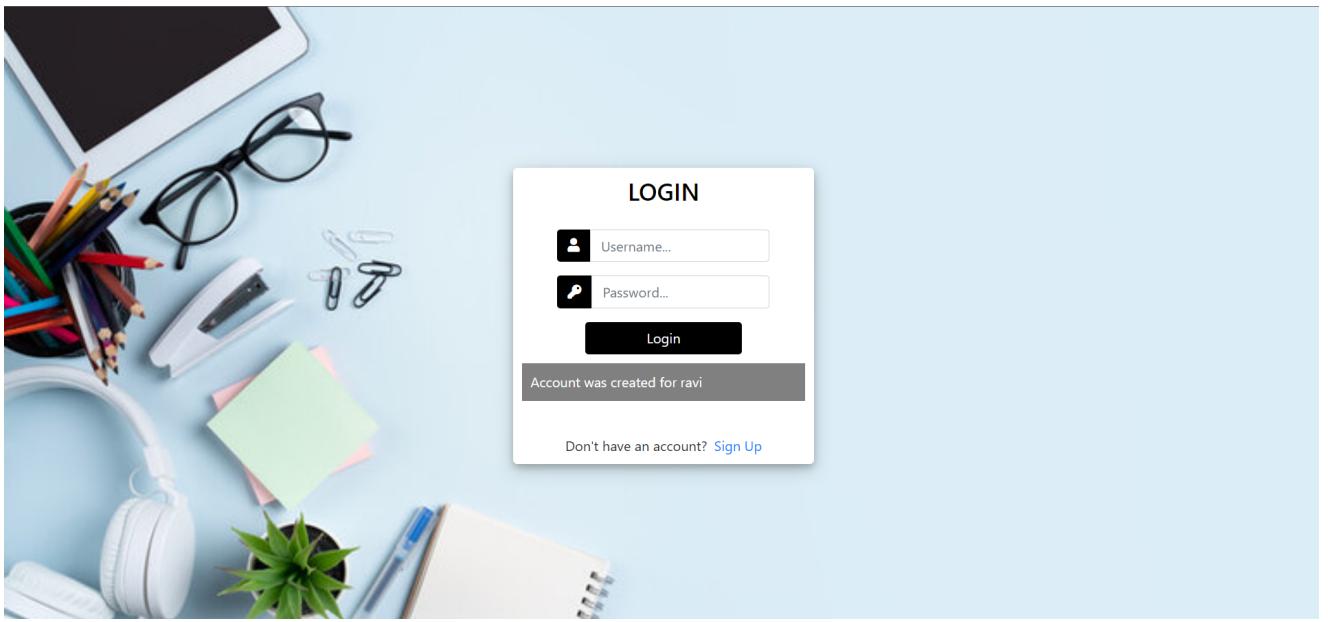
password is entirely numeric



password is of 8 characters but too common



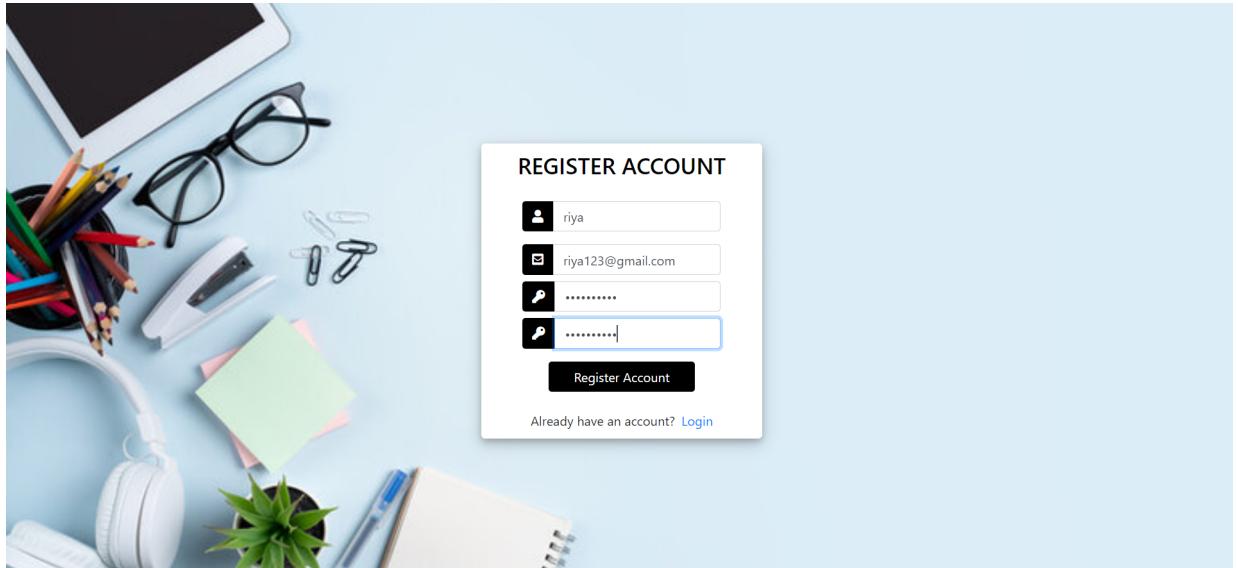
after successful entry of data



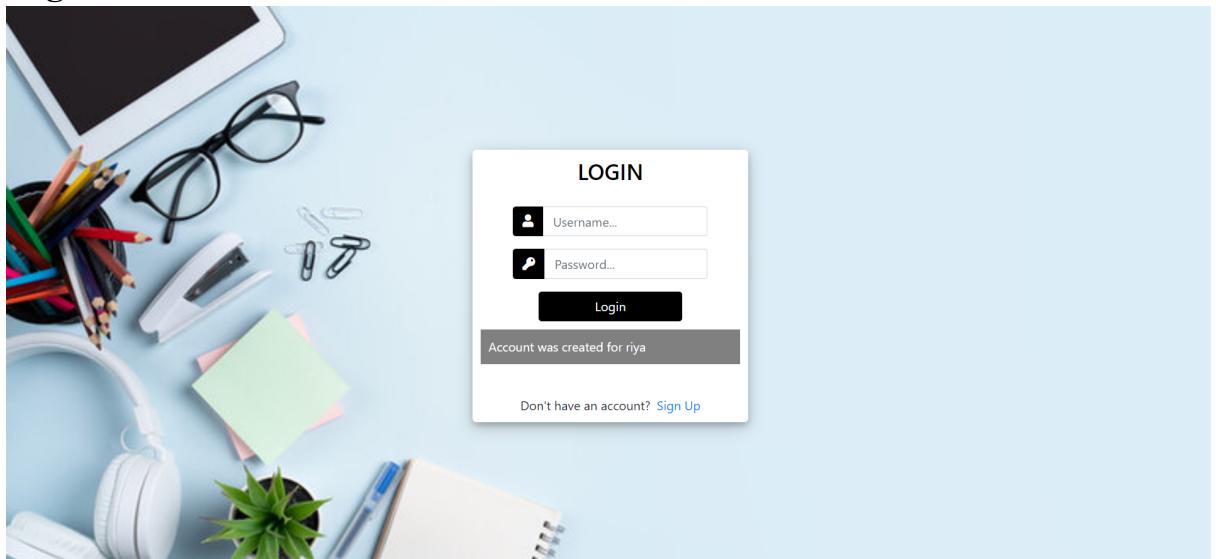
CHAPTER 5

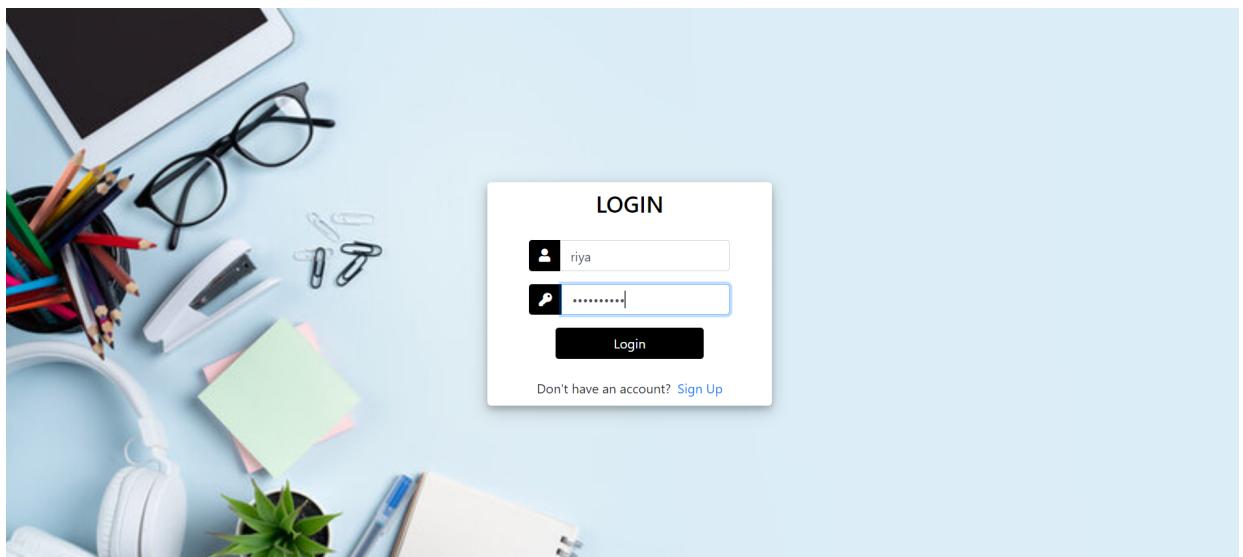
RESULTS:

Register:



Login:





LOGIN

riya

.....

Don't have an account? [Sign Up](#)

Available Courses:

STUDY BUDDY

ABOUT riya ▾

My Courses

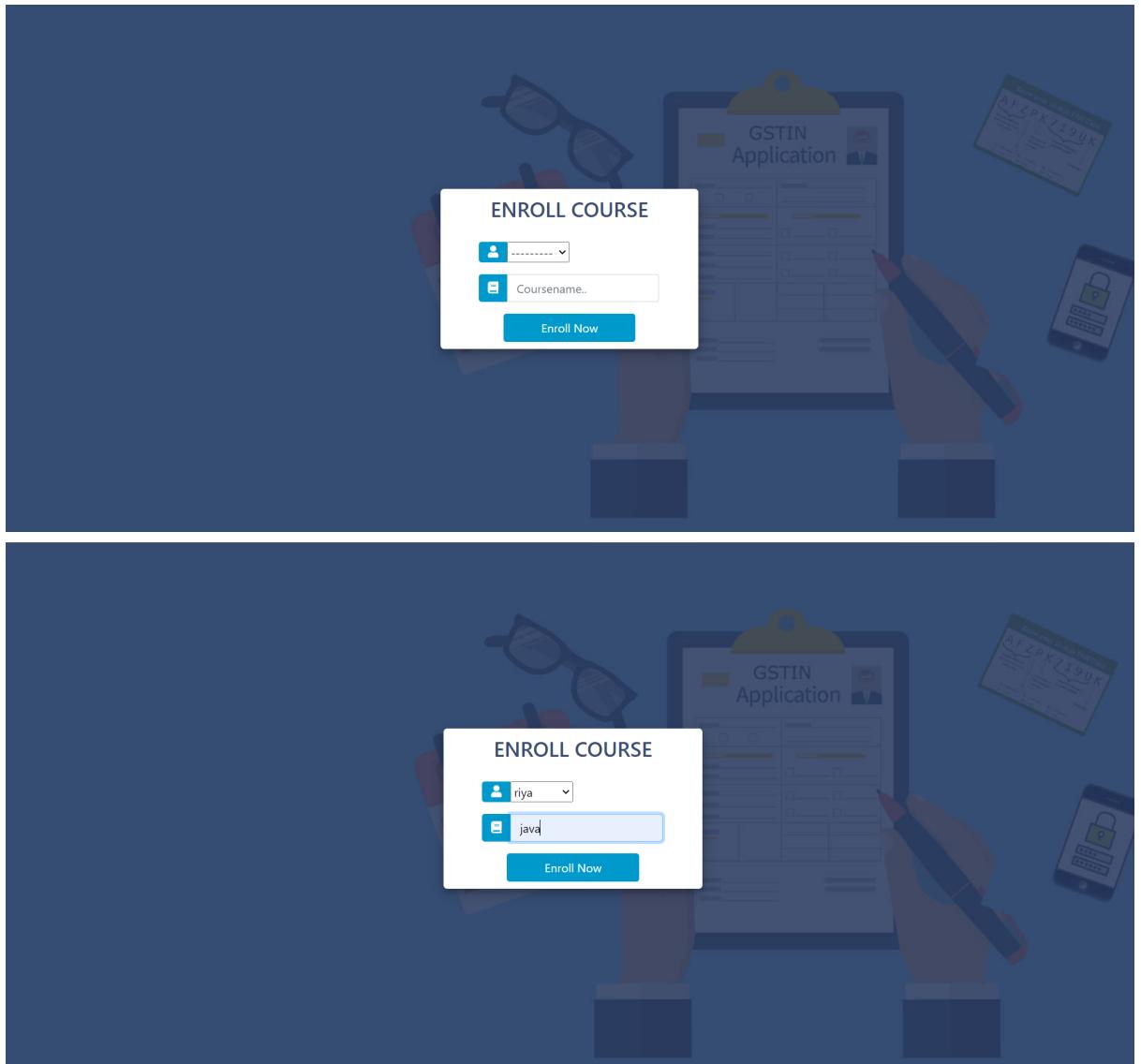
Available Courses

View Books

Available Courses

 JAVA Java is a high-level, class-based, object-oriented programming language. Time to Complete 4 Hours Enrolled	 PYTHON Python is an interpreted high-level general-purpose programming language. Time to Complete 4 Hours Enroll course	 C++ C++ is an extension of the C programming language, or "C with Classes". Time to Complete 4 Hours Enroll course
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Enroll for a Course:



MyCourses:

STUDY BUDDY

ABOUT riya ▾

My Courses

Available courses

View Books

My Courses



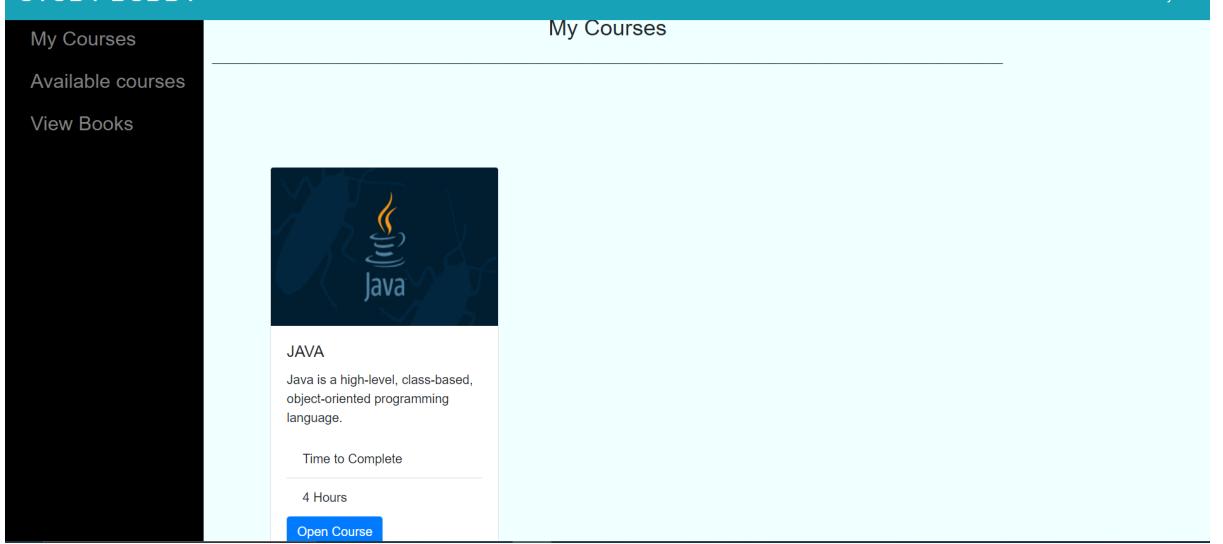
JAVA

Java is a high-level, class-based, object-oriented programming language.

Time to Complete

4 Hours

Open Course



java course :

STUDY BUDDY

ABOUT riya ▾

My Courses

Available Courses

View Books

Welcome to JAVA

Course Outline

WEEK 1

5.1 how to use Boolean in java

Watch later Share





STUDY BUDDY

ABOUT riya ▾

My Courses
Available Courses
View Books

The interface shows a course card for 'Java' taught by 'Navin Reddy'. A 'Watch on YouTube' button is at the bottom. The background is light blue.

WEEK 3

A YouTube thumbnail for a video titled '7.17 Static Import in Java' by TELUSKO. It features the Java logo and the title 'Static Import in Java'. There are 'Watch later' and 'Share' buttons in the top right corner. The thumbnail has a yellow and black diagonal design.

STUDY BUDDY

ABOUT riya ▾

My Courses
Available Courses
View Books

The interface shows a course card for 'Java' taught by 'Navin Reddy'. A 'Watch on YouTube' button is at the bottom. The background is light blue.

A YouTube thumbnail for a video titled 'Static Import in Java' by TELUSKO. It features the Java logo and the title 'Static Import in Java'. There is a 'Watch on YouTube' button at the bottom. The thumbnail has a yellow and black diagonal design.

Quiz

java quiz:

[Go Back](#)

0:06

What is the return type of a method that does not return any value?

- a : int
- b : void
- c : double
- d : None of the above

What is the process of defining more than one method in a class differentiated by method signature?

- a : Function Overloading
- b : Function Overriding
- c : Function Doubling

Which of the following is not OOPS concept in Java?

- a : Inheritance
- b : Polymorphism
- c : Encapsulation
- d : Compilation

Method overriding is combination of inheritance and polymorphism?

- a : False
- b : True

Which of the following is not a Java features?

- a : Dynamic
- b : Architecture Neutral
- c : Use of pointers
- d : Object Oriented

[Go Back](#)

- b : Function Overriding
- c : Function Doubling

Which of the following is not OOPS concept in Java?

- a : Inheritance
- b : Polymorphism
- c : Encapsulation
- d : Compilation

Method overriding is combination of inheritance and polymorphism?

- a : False
- b : True

Which of the following is not a Java features?

- a : Dynamic
- b : Architecture Neutral
- c : Use of pointers
- d : Object Oriented

Evaluate the following Java expression, if x=3, y=5, and z=10 ++z + y - y + z + x++

- a : 23
- b : 20
- c : 24
- d : 21

[Submit Quiz](#)

view books:

The screenshot shows a web interface for 'STUDY BUDDY'. On the left sidebar, there are three options: 'My Courses', 'Available Courses', and 'View Books'. The main content area is titled 'Books' and displays a single book entry for 'Java: The Complete Reference, Tenth Edition' by Herbert Schildt. The book cover features the Java logo and the word 'ORACLE'. Below the cover, the text reads 'Fully Updated for Java SE 9 (JDK 9)'. A blue button labeled 'View Book' is at the bottom.

view java book:

The screenshot shows a digital book viewer for 'Java: The Complete Reference, Tenth Edition'. The top navigation bar includes icons for file operations, search, and zoom. The main content area displays the first page of the book. The page features the Java logo, the word 'ORACLE', and the title 'Java: The Complete Reference, Tenth Edition'. Below the title, it says 'Fully Updated for Java SE 9 (JDK 9)' and includes a small cartoon character. On the left side, there is a vertical navigation pane with numbered sections: 1, 2, and 3, each corresponding to a thumbnail of a book page.

about us:

[GO BACK TO HOME](#)

About Us

We firmly believe in disrupting and democratizing educational ecosystem by allowing anyone and everyone to learn from its pool of more than 2000 subject experts. This project is a web-based application for e-learning programs and training contents. The user should login and select a course from available options, once they enroll for a course they can access all the course related materials and at the end the user has to write a quiz for the enrolled course.

Our Team

Shruthi

Ananya

Sragvi

logout:

STUDY BUDDY

ABOUT rya ▾

Logout

My Courses

Available courses

View Books

My Courses

 Java

JAVA

Java is a high-level, class-based, object-oriented programming language.

Time to Complete

4 Hours

CHAPTER 6

Conclusion

Our project is only a humble venture to satisfy the needs of learners. This package shall prove to be a powerful package in satisfying all the requirements of the users(learners). And it is concluded that we have made effort on following points:

- ❖ A description of the background and context of the project and its relation to work already done in the area.
- ❖ The description of the problem statement, and purpose.
- ❖ Finally the system is implemented and tested according to the test cases.

Future Scope

- ❖ Hands-on experience of a topic can be added as an Assignment for a course.
- ❖ Guided projects can be added as a separate course.
- ❖ Notes Section for each user can be added
- ❖ Discussion Forums can be added
- ❖ ML components can be added such as summarizer

CHAPTER 7

References

<https://www.w3schools.com/html/>

<https://docs.djangoproject.com/en/4.0/>

<https://docs.microsoft.com/en-in/learn/modules/django-get-started/>

<https://data-flair.training/blogs/django-tutorials-home/>

<https://www.w3schools.com/html/default.asp>

<https://www.w3schools.com/css/default.asp>

https://www.w3schools.com/bootstrap/bootstrap_ver.asp