**2. Design a simple web application which will ask the user to input his name and a**

**message, display the two items concatenated in a label, and change the format of the label**

**using radio buttons and check boxes for selection, the user can make the label text bold,**

**underlined or italic and change its color. include buttons to display the message in the**

**label, clear the text boxes and label and exit**

**urls.py**

from django.contrib import admin

from django.urls import path

from message import views

urlpatterns = [

path('admin/', admin.site.urls),

path('', views.home, name='home'),

]

**views.py**

from django.shortcuts import render

def home(request):

if request.method == "POST":

name = request.POST.get('name')

message = request.POST.get('message')

font\_style = request.POST.get('font\_style', '')

text\_color = request.POST.get('text\_color', 'black')

if font\_style == 'bold':

label\_style = 'font-weight: bold; color: ' + text\_color + ';'

if font\_style == 'italic':

label\_style = 'font-style: italic; color: ' + text\_color + ';'

if font\_style == 'underline':

label\_style = 'text-decoration: underline; color: ' + text\_color + ';'

else:

label\_style = 'color: ' + text\_color + ';'

label\_text = f'{name}: \n {message}'

return render(request, 'home.html', {'label\_text': label\_text, 'label\_style': label\_style})

return render(request, 'home.html')

**html file(s) :**

**home.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Message App</title>

</head>

<body>

<form method="POST">

{% csrf\_token %}

<input type="text" name="name" placeholder="Enter your name" required><br><br>

<textarea name="message" placeholder="Enter your message" required></textarea><br><br>

<label>Font Style:</label><br>

<input type="checkbox" name="font\_style" value="bold"> Bold<br>

<input type="checkbox" name="font\_style" value="italic"> Italic<br>

<input type="checkbox" name="font\_style" value="underline"> Underline<br><br>

<label>Text Color:</label><br>

<input type="color" name="text\_color" value="#000000"><br><br>

<input type="submit" value="Display Message">

<input type="reset" value="Clear">

<input type="button" value="Exit" onclick="window.close();"><br><br>

</form>

{% if label\_text %}

<label style="{{ label\_style }}">{{ label\_text }}</label>

{% endif %}

</body>

</html>

