LAB-6 ADDITIONAL QUESTIONS

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Q1// 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.

```
A1//
message/urls.py:
from django.urls import path
from . import views
urlpatterns = [
  path(", views.home, name='home'),
textformatting/urls.py:
from django.contrib import admin
from django.urls import path, include
urlpatterns = [
  path('admin/', admin.site.urls),
  path(", include('message.urls')), # Include the message app URLs
1
views.py:
from django.shortcuts import render
def home(request):
  formatted_message = ""
  if request.method == "POST":
    name = request.POST.get("name", "")
    message = request.POST.get("message", "")
    style = request.POST.getlist("style")
    color = request.POST.get("color")
    # Concatenate name and message
    formatted_message = f"{name}, {message}"
    # Apply styles based on user selection
```

style_classes = []

```
if "bold" in style:
    style_classes.append("bold")
if "italic" in style:
    style_classes.append("italic")
if "underline" in style:
    style_classes.append("underline")

# Apply color
    style_classes.append(f"color-{color}")

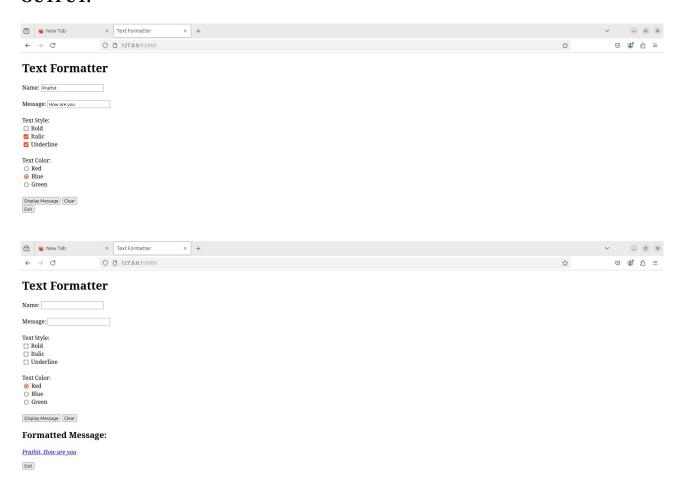
return render(request, "home.html", {"formatted_message": formatted_message,"style_classes": " ".join(style_classes)})

return render(request, "home.html", {"formatted_message": formatted_message})
```

home.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Text Formatter</title>
  <style>
    .bold { font-weight: bold; }
    .italic { font-style: italic; }
    .underline { text-decoration: underline; }
    .color-red { color: red; }
    .color-blue { color: blue; }
    .color-green { color: green; }
  </style>
</head>
<body>
  <h1>Text Formatter</h1>
  <form method="POST">
    {% csrf token %}
    <label for="name">Name:</label>
    <input type="text" id="name" name="name"><br><br>
    <label for="message">Message:</label>
    <input type="text" id="message" name="message"><br><br>
    <label>Text Style:</label><br>
    <input type="checkbox" name="style" value="bold"> Bold<br>
    <input type="checkbox" name="style" value="italic"> Italic<br>
    <input type="checkbox" name="style" value="underline"> Underline<br><br>
    <label>Text Color:</label><br>
    <input type="radio" name="color" value="red" checked> Red<br>
    <input type="radio" name="color" value="blue"> Blue<br>
```

OUTPUT:



Q2// Design a simple web application to provide information about a book. The home page of the application should display the cover page of the book along with three hyperlinks: Metadata, Reviews, Publisher info. Give provision to revert to home page from any other page.

A2//