Q:

Assume a table “Institutes” with institute\_id, name, and no\_of\_courses are the

fields. Create a web page that retrieves all the data from “Institutes” table

displays only Institute names in the list box

Code:

webapp/models.py:

from django.db import models

class Institute(models.Model):

name = models.CharField(max\_length=100)

no\_of\_courses = models.IntegerField()

def \_\_str\_\_(self):

return self.name

webapp/views.py:

from django.shortcuts import render

from .models import Institute

def institute\_list(request):

institutes = Institute.objects.all()

return render(request, 'webapp/institutes.html', {'institutes': institutes})

webapp/templates/webapp/index.html:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Institutes List</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body class="bg-light">

<div class="container mt-5">

<div class="card shadow">

<div class="card-header bg-primary text-white">

<h2 class="mb-0">List of Institutes</h2>

</div>

<div class="card-body">

<select class="form-select form-select-lg" size="10" aria-label="Institute list">

{% for institute in institutes %}

<option value="{{ institute.id }}">{{ institute.name }}</option>

{% endfor %}

</select>

</div>

</div>

</div>

</body>

</html>

Image:

