**APEX COLLEGE**

**POKHARA UNIVERSITY**

**LAB REPORT OF**

**DOT NEW TECHNOLOGY**

**LAB-1**

**Submitted By:                                               Submitted To:**

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**Roll no:18**

**Objectives:**

* **TO GET FAMILIAR USING MVC**

**1.Make a model named Person.cs**

using System;

namespace lab1.Models

{

    public class Person

    {

        public string name{get;set;}

          public string address {get;set;}

    }

}

**2.In controller make an object to display your name and address HomeController.cs**

using System;

using System.Collections.Generic;

using System.Diagnostics;

using System.Linq;

using System.Threading.Tasks;

using Microsoft.AspNetCore.Mvc;

using Microsoft.Extensions.Logging;

using lab1.Models;

namespace lab1.Controllers

{

    public class HomeController : Controller

    {

        private readonly ILogger<HomeController> \_logger;

        public HomeController(ILogger<HomeController> logger)

        {

            \_logger = logger;

        }

        public IActionResult Index()

        {

             var model =  new Person();

          model.name="Ruchi Agrawal";

          model.address="ason,newroad";

          return View(model);

        }

public IActionResult Privacy()

        {

            return View();

        }

        [ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]

        public IActionResult Error()

        {

            return View(new ErrorViewModel { RequestId = Activity.Current?.Id ?? HttpContext.TraceIdentifier });

        }

    }

}

3**.showing the output in the view**

    @model lab1.Models.Person

@{

    ViewData["Title"] = "Home Page";

}

<div class="text-center">

    <h1 class="display-4">Welcome</h1>

    <p>Learn about <a href="https://docs.microsoft.com/aspnet/core">building Web apps with ASP.NET Core</a>.</p>

</div>

    <p>@Model.name</p>

    <p>@Model.address</p>

    @\* <p>

        Name: @ViewBag.name

        Address: @ViewBag.address

        </p> \*@

**Conclusion**

In lab, we learned the basic way of using MVC in dot net technology