

**IT3030 - Programming Applications and Frameworks**

**3rd Year, 1st Semester**

**Practical 04**

**Y3.S1.WE.IT.01.02**

Registration Number – **IT22212054**

Name – **JAYASEKERA J.D.C.N**

**(01)**

package com.examplenew.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.web.bind.annotation.RestController;

import org.springframework.web.bind.annotation.GetMapping;

@SpringBootApplication

@RestController

public class DemoApplication {

    public static void main(String[] args) {

        SpringApplication.run(DemoApplication.class, args);

    }

    @GetMapping("/greet")

    public String greet() {

        return "Welcome to Spring Boot";

    }

}

**(02)**

package com.examplenew.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.web.bind.annotation.RestController;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

@SpringBootApplication

@RestController

public class DemoApplication {

    public static void main(String[] args) {

        SpringApplication.run(DemoApplication.class, args);

    }

    @GetMapping("/greet/{name}")

    public String greet(@PathVariable String name) {

        return "Hello "+name+"! Welcome to Spring Boot!";

    }

}

**(03)** **Extension :**

package com.examplenew.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.web.bind.annotation.RestController;

import org.springframework.web.bind.annotation.GetMapping;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestParam;

@SpringBootApplication

@RestController

public class DemoApplication {

    public static void main(String[] args) {

        SpringApplication.run(DemoApplication.class, args);

    }

    @GetMapping("/greet/{name}/")

    public String greet(@PathVariable String name, @RequestParam(required = false)String message) {

        if(message != null){

            return "Hello " + name + "! " + message;

        }else {

            return "Hello " + name + "! Welcome to Spring Boot!";

        }

    }

}