

# Handling Request Parameters and Request Mappings

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# Agenda



Handle Request Parameters

Controller Level Request Mapping

Request Mapping

Multiple URL Requests

Request Parameters

Dynamic URL Requests



# Binding Request Parameters

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## Binding Request Parameters

@Controller

```
public class AccountController {  
    @RequestMapping("/saveAccount")  
    public String saveAccount(Model model, HttpServletRequest request )  
    {  
        String acNo = request.getParameter("accountNo");  
  
        String customerName =  
request.getParameter("accountHolderName");  
  
        String balance = request.getParameter("balance");  
  
        ...  
    }  
}
```



# @RequestParam

Allows you to read form data and automatically bind it to a parameter coming into your method.



## Binding Request Parameters

@Controller

```
public class AccountController {  
    @RequestMapping("/saveAccount")  
    public String saveAccount(Model model, HttpServletRequest request )  
    {  
        String acNo = request.getParameter("accountNo");  
  
        String customerName =  
request.getParameter("accountHolderName");  
  
        String balance = request.getParameter("balance");  
  
        ...  
    }  
}
```



# Binding Request Parameters

@Controller

```
public class AccountController {  
    @RequestMapping("/saveAccount")  
    public String saveAccount(Model model,  
        @RequestParam("accountNo") String acNo,  
        @RequestParam("accountHolderName") String name,  
        @RequestParam("balance") String balance ) {  
        ...  
    }  
}
```



# Demo: Binding Request Parameters

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# Controller Level Request Mapping

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# Controller Level Request Mapping

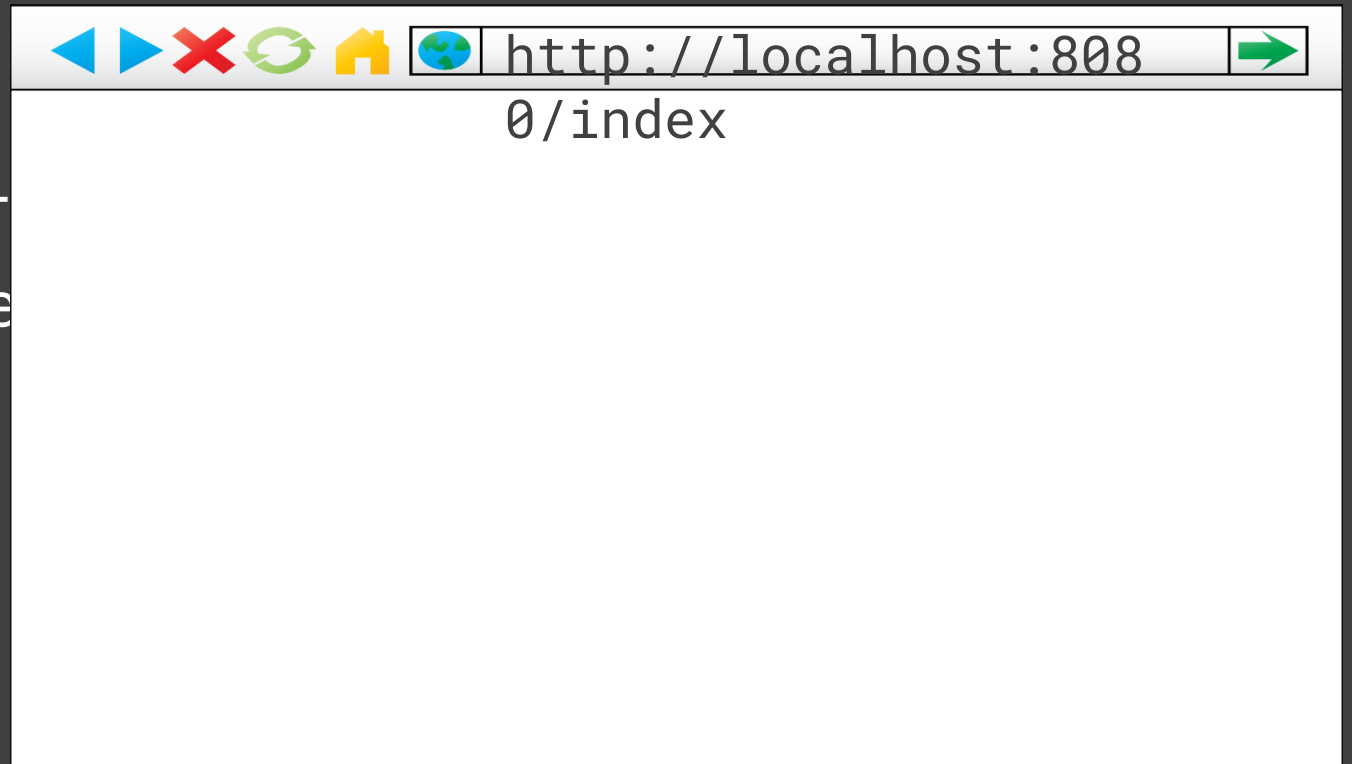
**Request Mapping at the Controller Level**

**Request Mappings on the methods are relative to the Controllers path**



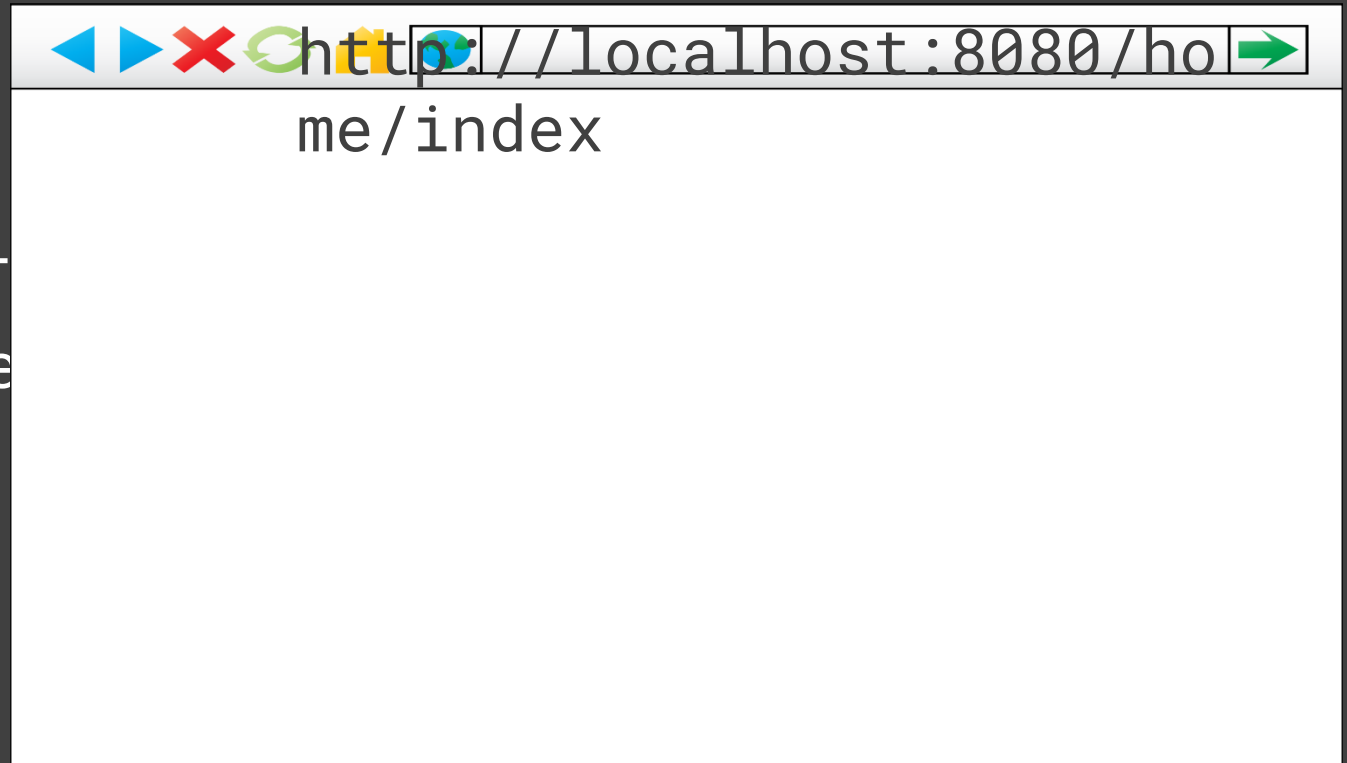
# Controller Level Request Mapping

```
@Controller
public class HomeController
{
    @RequestMapping("/index")
    public String index()
    {
        return "index";
    }
}
```



# Controller Level Request Mapping

```
@Controller
@RequestMapping("/home")
public class HomeController
{
    @RequestMapping("/index")
    public String index()
    {
        return "index";
    }
}
```



# Demo: Controller Level Request Mapping

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# Demo: @RequestMapping with Multiple URLs

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# Demo: @RequestMapping with @RequestParam

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# Demo: @RequestMapping with Dynamic URLs

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# @RequestMapping Attributes

## @RequestParam

Query string present with the URL  
separated by ?

Access Key-Values of the query string  
present in the URL

## @PathVariable

Part of the URL separated by /

Used to match a part of the URL as a  
Parameter



# Summary



**Handling Request Parameters and  
Request Mappings**

