





2. Which of the following request mappings gets you a list of users by visiting http://localhost:8080/users locally?

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- A ☐ @RequestMapping( path = "/", method = RequestMethod.GET ) 
- B ☐ @RequestMapping( path = "/users", method = RequestMethod.POST ) 
- C ☒ @RequestMapping( path = "/users", method = RequestMethod.GET ) 
- D ☐ @RequestMapping( path = "/users/list", method = RequestMethod.GET ) 

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3. What makes it possible for the ``list()`` and ``create()`` actions to be available at the same URL?

```
@RestController  
public class EmployeeController {
```

```
    @RequestMapping( path = "/employee", method =  
        RequestMethod.GET)  
    public void list() {  
  
    }
```


```
    @RequestMapping( path = "/employee", method =  
        RequestMethod.POST)  
    public void create(@RequestBody Employee employee) {  
  
    }  
  
}
```

`RequestMethod.GET`

If we have both path and RequestMethod the same for two methods, SpringBoot gets very confused and throws an exception!

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- A ☐ Content type
- B ☒ Request method 
- C ☐ Method name
- D ☐ Method return type

4. Based on the URI http://localhost:8080/employees?department=hr, which of the following allows you to filter employees by department?

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- A `@RequestMapping( path = "/employees/department", method = RequestMethod.GET )`  
`public List<Employee> getEmployeesByDepartment(@PathVariable String filter)` 
- B `@RequestMapping( path = "/employees/filter", method = RequestMethod.GET )`  
`public List<Employee> getEmployeesByDepartment(@PathVariable String filter)` 
- C `@RequestMapping( path = "/employees/{department}", method = RequestMethod.GET )`  
`public List<Employee> getEmployeesByDepartment(@PathVariable String department)` 
- D `@RequestMapping( path = "/employees", method = RequestMethod.GET )`  
`public List<Employee> getEmployeesByDepartment(@RequestParam String department)` 

6. Which of the following methods takes the request body and deserializes it into an Employee object?

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- A `@RequestMapping( path = "/employee", method = RequestMethod.GET )`  
`public void create(@RequestBody Employee employee)` 
- B `@RequestMapping( path = "/employee", method = RequestMethod.POST )`  
`public void create(@RequestBody Employee employee)` 
- C `@RequestMapping( path = "/employee/{employee}", method = RequestMethod.POST )`  
`public void create(@PathVariable Employee employee)` 
- D `@RequestMapping( path = "/employee", method = RequestMethod.GET )`  
`public void create(@RequestParam Employee employee)` 

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