So far, the controller we designed was look like below :

**MomController.java :**

*@Controller*

public class MomController {

*@ResponseBody*

*@RequestMapping*("/sugar")

public String giveSugar() {

return "Here is your sugar";

}

}

But, the controllers are java classes in spring and a java class can have multiple methods. So the point to be understand is that we can map all the methods inside the controller with different url like below :

*@Controller*

public class MomController {

*@ResponseBody*

*@RequestMapping*("/sugar")

public String giveSugar() {

return "Here is your sugar";

}

*@ResponseBody*

*@RequestMapping*("/plainsugar")

public String givePlainSugar() {

return "Here is your plain sugar";

}

}

This is called **Multi Action Controller.**

Now, both the below urls are valid :

<http://localhost:2020/home/myhome/plainsugar>

<http://localhost:2020/home/myhome/sugar>

What if we have two methods with same mapping in two different controllers. It is point of ambiguity. So to resolve this spring provides the next topic we are going to study.

**Can we do class level mapping ?**

Answer is Yes. Have a look to the below code.

*@Controller*

*@RequestMapping*("/mother")

public class MomController {

*@ResponseBody*

*@RequestMapping*("/sugar")

public String giveSugar() {

return "Here is your sugar";

}

*@ResponseBody*

*@RequestMapping*("/plainsugar")

public String givePlainSugar() {

return "Here is your plain sugar";

}

}

Note the highlighted annotation in the above class we just added. This is called **Class Level Mapping.** Now the below urls won’t work :

<http://localhost:2020/home/myhome/plainsugar>

<http://localhost:2020/home/myhome/sugar>

Now our urls should be look like below :

<http://localhost:2020/home/myhome/mother/plainsugar>

<http://localhost:2020/home/myhome/mother/sugar>