

==> Query param will represent the data in the form of key-value pair; ex: name=kamil
we can add multiple query param using & separator ex: name=tabish&course=Java

==> We use @RequestParam annotation in our Controller to receive Query param

② Path Parameter =>

↳ sending the data to server (App) in url

==> Path parameter contains data directly without key (No key-value pair)

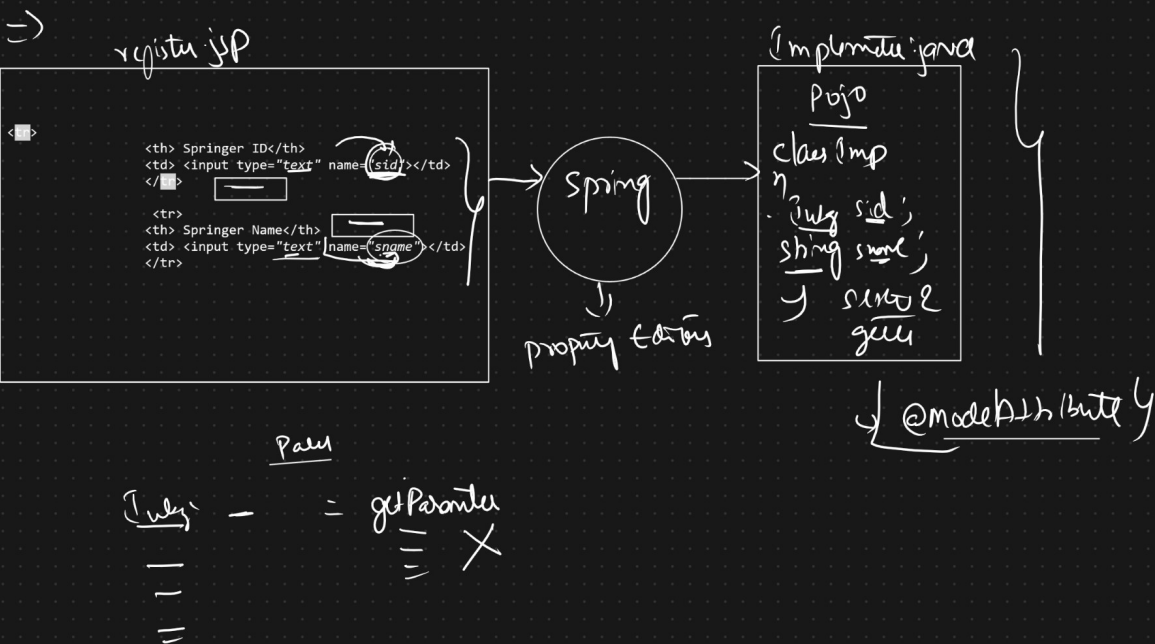
==> Path parameter can be present anywhere in the url

==> To read the path parameter we use @PathVariable annotation

example: `localhost:8486/getmessage/rajesh/springboot`

↓
unique
url

↓
path parameter



Data Rendering ==> The process of giving the Controller generated/gathered data/result after executing business method/logic to view component of the application can be called as data rendering
(Sending the data from controller to view)

Data Binding ==> (View to Controller) Binding the data from view component to controller in the form of java class (POJO)

In other words ==> Writing the input values (Form data) to java class (POJO) can be called as data binding