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| TOPIC/TITLE  Processing post request | |
| Keywords/Questions  form  Body-parser | Notes : |
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| In your code for is used to send the data from your HTML file to somewhere you have to specify with the action. It is the fact that we specified the method with post that allows form to send info |
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| <form class="" action="/" method="post"> |
| If you don’t specify the action by default it will be in our root so it’s ok. |
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| In you inspector chrome go to Network (be sure “all” is in grey) |
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| Code error: 200 it’s a success, 404 error with the client |
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| So quit your server then install npm insall body-parser |
| It will allow us to pass the information that we get sent from the post request and we are gonna paste it so we can have access to properties and variables, so we can do our calculations. |
| Once it is installed we have to go back to our JS and require it |
| const bodyParser = require ('body-parser'); |
| It uses express so  app.use(bodyParser.urlencoded({extended: true})) |
| Urlencoded is the special one attribute from bodypaser that we use when we are trying to parse data that come from an HTML form. |
| We have to add an option extended and tell it true => It allows us to post nested object. Body-parser oblige to declare this option |
| Bodyparseer allows us to go into any of your routes, and you can tap into something call request body.=> req.body (this the parsed version of the HTTP request |
| app.post("/",function (req, res){  console.log(req.body);  res.send("Thanks for posting that");  }); |
| By using bodypaser we are able to parse the http request |
| By using url encoded we can get access to the form data and we can then tap into each of these |
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| We can then tap into each of these as if were just properties of the object body |
| console.log(req.body.num1); |
| Num1 was defined in the HTML code |
| <input type="text" name="num1" placeholder="First Number"> |
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| We can now use the datas but it’s actually stored as text so if we want to make calculation. So we have to transform them into numbers  <form class="" action="/" method="post">  <input type="text" name="newItem" placeholder="Add item">  <button type="submit" name="button">Add</button>  </form> |
| Parse = analyser  Neit = mettre à jour | |