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| TOPIC/TITLE  Hashing | |
| Keywords/Questions  Md5  Post step  Login step | Notes : |
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| Encryption |
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| Hash is a complex equation to allow to encrypt you datas without using encryption key |
| Then it will compare hash when someone log and the hash which is stored in our server |
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| Package you have to use for a hash function |
| Npm I md5 |
| https://www.npmjs.com/package/md5 |
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| const md5 = require('md5'); |
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| then we have to add md5() when we app.post password |
| replace |
| app.post("/register", function(req,res){  const newUser = new User ({// don't forget to capitalise User  email:req.body.username,  password: req.body.password  });  newUser.save(function(err){  if(err){  console.log(err);  }else{  res.render("secrets")  }  })  }); |
| By this |
| password: md5(req.body.password) |
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| The match generated when you type a specific password will allways be the same. By e.g for 123456 the hash will be e10adc3949ba59abbe56e057f20f883e |
| So you have to change the app.post/login to |
| password: md5(req.body.password) |
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