How to insert record in mongodb using mongose?

Install express-validator module to validate request.body key:values

```
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE

PS D:\reactshrenik\Ex8-Express-Js\#7-Express-MongoDb-Create-Schema\mongo-schema-demo> npm i --save express-validator npm WARN mongo-schema-demo@1.0.0 No repository field.

+ express-validator@6.11.1 added 3 packages from 8 contributors and audited 83 packages in 4.912s found 0 vulnerabilities

PS D:\reactshrenik\Ex8-Express-Js\#7-Express-MongoDb-Create-Schema\mongo-schema-demo>
```

Import module (Line 3)

```
JS user.js X

controller > JS user.js > ...

1    const router = require("express").Router();
2    const user = require("../model/user");
3    const { check, validationResult } = require("express-validator");
```

Install body-parser module to work with form data sent to server from browser

```
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE

PS D:\reactshrenik\Ex8-Express-Js\#7-Express-MongoDb-Create-Schema\mongo-schema-demo> npm i --save body-parser npm WARN mongo-schema-demo@1.0.0 No description npm WARN mongo-schema-demo@1.0.0 No repository field.

+ body-parser@1.19.0 updated 1 package and audited 84 packages in 3.327s found 0 vulnerabilities

PS D:\reactshrenik\Ex8-Express-Js\#7-Express-MongoDb-Create-Schema\mongo-schema-demo>
```

Import module (Line 4) and setup middleware

```
const bodyParser = require("body-parser");

//middleware setup
router.use(bodyParser.json());
router.use(bodyParser.urlencoded({ extended:true }));
```

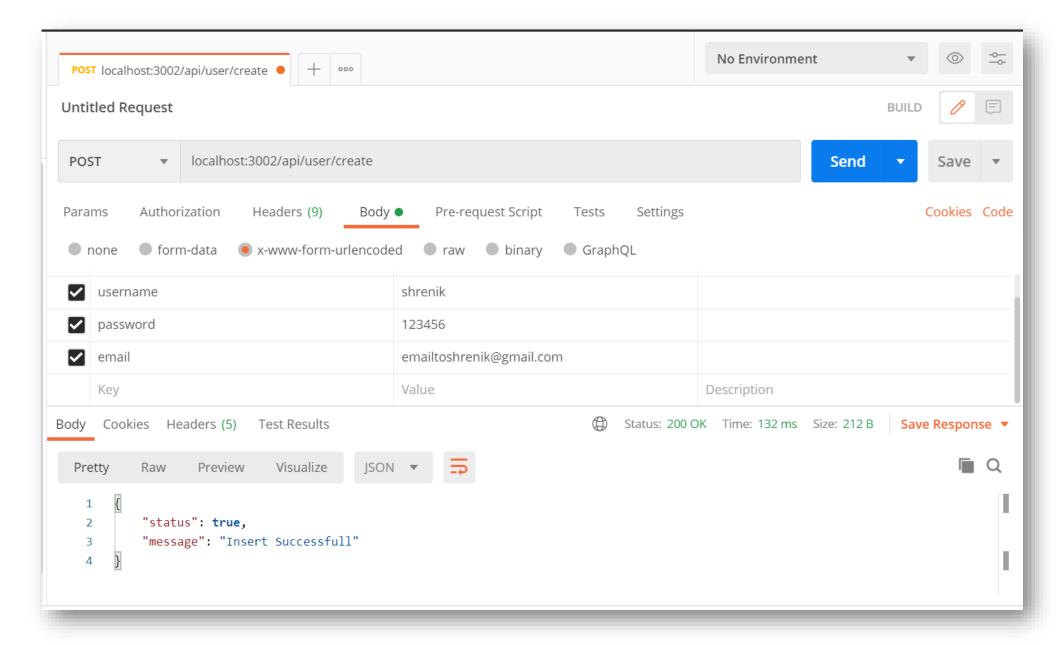
Writer router.post() method to perform insert document

```
router.post("/create",
       check("username").not().isEmpty().trim().escape(),
       check("password").not().isEmpty().trim().escape(),
       check("email").isEmail().normalizeEmail()
   ],
   (request, response)=>{
       response.setHeader('Content-Type', 'application/json');
       console.log(request['username']);
       const errors = validationResult(request);
       console.log(errors);
       if(!errors.isEmpty())
           response.status(422).end(JSON.stringify({status:false, message:"Form Validation Error", errors:errors.array()},
       response.end(JSON.stringify({status:true, message:"User data is correct"},null,3));
});
module.exports = router;
```

Call create() function and write callback() to handle response with error status

```
//response.end(JSON.stringify({status:true, message:"User data is correct"},null,3));
37
              user.create(
                      username:request.body.username,
                      password:request.body.password,
                      email:request.body.email
42
                  (error, result)=>{
                      if(error){
                          response.status(500).end(JSON.stringify({status:false, message:"Failed to insert record", errors:errors
47
                      else{
                          response.end(JSON.stringify({status:true, message:"Insert Successfull"},null,3));
52
```

Using "postman" send form-data using api and check insert successful or not



Screenshot of robo 3T

