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<b>Subject</b>	CITL (Cloud and Internet Technology Lab)
<b>Experiment No.</b>	3
<b>Aim</b>	Create a Restful webservice to demonstrate different HTTP methods
<b>Output</b>	<div><pre>api &gt; routes &gt; hotels.js &gt; ... 1  import express from "express"; 2  import { 3    countByCity, 4    countByType, 5    createHotel, 6    deleteHotel, 7    getHotel, 8    getHotelRooms, 9    getHotels, 10   updateHotel, 11 } from "../controllers/hotel.js"; 12 import Hotel from "../models/Hotel.js"; 13 import {verifyAdmin} from "../utils/verifyToken.js" 14 const router = express.Router(); 15 16 //CREATE 17 router.post("/", verifyAdmin, createHotel); 18 19 //UPDATE 20 router.put("/:id", verifyAdmin, updateHotel); 21 //DELETE 22 router.delete("/:id", verifyAdmin, deleteHotel); 23 //GET 24 25 router.get("/find/:id", getHotel); 26 //GET ALL 27 28 router.get("/", getHotels); 29 router.get("/countByCity", countByCity); 30 router.get("/countByType", countByType); 31 router.get("/room/:id", getHotelRooms); 32 33 export default router;</pre></div> <div><pre>api &gt; routes &gt; auth.js &gt; default 1  import express from "express"; 2  import { login, register } from "../controllers/auth.js"; 3 4  const router = express.Router(); 5 6  router.post("/register", register) 7  router.post("/login", login) 8 9  export default router;</pre></div>



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```
users.js X
api > routes > users.js > ...
1 import express from "express";
2 import {
3   updateUser,
4   deleteUser,
5   getUser,
6   getUsers,
7 } from "../controllers/user.js";
8 import { verifyAdmin, verifyToken, verifyUser } from "../utils/verifyToken.js";
9
10 const router = express.Router();
11
12 // router.get("/checkauthentication", verifyToken, (req,res,next)=>{
13 //   res.send("hello user, you are logged in")
14 // })
15
16 // router.get("/checkuser/:id", verifyUser, (req,res,next)=>{
17 //   res.send("hello user, you are logged in and you can delete your account")
18 // })
19
20 // router.get("/checkadmin/:id", verifyAdmin, (req,res,next)=>{
21 //   res.send("hello admin, you are logged in and you can delete all accounts")
22 // })
23
24 //UPDATE
25 router.put("/:id", verifyUser, updateUser);
26
27 //DELETE
28 router.delete("/:id", verifyUser, deleteUser);
29
30 //GET
31 router.get("/:id", verifyUser, getUser);
32
33 //GET ALL
34 router.get("/", verifyAdmin, getUsers);
35
36 export default router;
```

**Conclusion**

Hence by completing this experiment I got to know how to Create a Restful webservice to demonstrate different HTTP methods