**第三方模块：express**

**const** http = require(**"http"**);  
**const** express = require(**"express"**);

**var** app = express()

**var** server = http.createServer(app);

server.listen(3000);

*（1）***const** http = require(**"http"**);  
**const** express = require(**"express"**);  
**const** mysql= require(**"mysql"**);  
**var** pool =mysql.createPool({  
 **host**:**"127.0.0.1"**,  
 **user**:**"root"**,  
 **password**:**""**,  
 **database**:**"tmooc"**,  
 **port**:3306,  
 **connectionLimit**:5  
})**var** app = express()**var** server = http.createServer(app);server.listen(3000);app.get(**"/stu/:sid"**,(req,res)=>{  
 **var** sid = req.params.sid;  
 **var** sql = **"SELECT \* FROM stu WHERE sid = ?"**;  
 pool.query(sql,[sid],(err,result)=>{  
 **if**(err){**throw** err};  
 res.json(result);});  
});  
  
app.get(**"/stu"**,(req,res)=>{  
 **var** sid = req.query.sid;  
 **var** sql = **"SELECT \* FROM stu WHERE sid = ?"**;  
 pool.query(sql,[sid],(err,result)=>{  
 **if**(err){**throw** err};  
 res.json(result);});  
});

（2）

html

<**h1**>按钮点击事件</**h1**>  
 <**button id="btn1"**>POST请求</**button**>  
 <**button id="btn2"**>PUT请求</**button**>  
 <**button id="btn3"**>DELETE请求</**button**>  
<**script**>  
 **var *btn1*** = **document**.getElementById(**"btn1"**);  
 ***btn1***.onclick=**function**(){  
 **var** xhr = **new** XMLHttpRequest();  
 xhr.**onreadystatechange**=**function**(){  
 **if**(xhr.**readyState**==4 && xhr.**status**==200){  
 **var** res = xhr.**responseText**;  
 alert(res);  
 }  
 }  
 xhr.open(**"post"**,**"/user1"**,**true**);  
 xhr.setRequestHeader(**"Content-Type"**,**"application/x-www-form-urlencoded"**);  
 xhr.send(**"uname=tom"**);  
 };  
  
 **var *btn2*** = **document**.getElementById(**"btn2"**);  
 ***btn2***.onclick=**function**(){  
 **var** xhr = **new** XMLHttpRequest();  
 xhr.**onreadystatechange**=**function**(){  
 **if**(xhr.**readyState**==4 && xhr.**status**==200){  
 **var** res = xhr.**responseText**;  
 alert(res);  
 }  
 }  
 xhr.open(**"put"**,**"/user2"**,**true**);  
 xhr.setRequestHeader(**"Content-Type"**,**"application/x-www-form-urlencoded"**);  
 xhr.send(**"uname=tom&upwd=123456"**);  
 };  
  
 **var *btn3*** = **document**.getElementById(**"btn3"**);  
 ***btn3***.onclick=**function**(){  
 **var** xhr = **new** XMLHttpRequest();  
 xhr.**onreadystatechange**=**function**(){  
 **if**(xhr.**readyState**==4 && xhr.**status**==200){  
 **var** res = xhr.**responseText**;  
 alert(res);  
 }  
 }  
 xhr.open(**"delete"**,**"/user3"**,**true**);  
 xhr.setRequestHeader(**"Content-Type"**,**"application/x-www-form-urlencoded"**);  
 xhr.send(**"uname=papay&upwd=123456"**);  
 };  
</**script**>

**const** http = require(**"http"**);  
**const** qs = require(**"querystring"**);  
**const** express = require(**"express"**);  
**var** app = express();  
**var** server = http.createServer(app);  
server.listen(3000);  
app.get(**"/index.html"**,(req,res)=>{  
 res.sendFile(\_\_dirname+**"/index.html"**);  
});  
app.post(**"/user1"**,(req,res)=>{  
 req.on(**"data"**,(buf)=>{  
 **var** obj = qs.parse(buf.toString());  
 res.json(obj);  
 });  
});  
  
app.put(**"/user2"**,(req,res)=>{  
 req.on(**"data"**,(buf)=>{  
 **var** obj = qs.parse(buf.toString());  
 res.json(obj);  
 });  
});  
  
app.delete(**"/user3"**,(req,res)=>{  
 req.on(**"data"**,(buf)=>{  
 **var** obj = qs.parse(buf.toString());  
 res.json(obj);  
 });  
});