

学号	姓名	提交时间	总分	成绩
-	吕岩峰	2023-06-07 14:33:00	100	90

1. 【简答题】使用flask连接mysql数据库, 实现login.html, 实现登录功能

得分 : 90/100

学生答案 : from flask import request  
from flask import Flask  
from dbtool import DbTool

```
app = Flask(__name__)
```

```
@app.route('/')  
def index():  
    return "python从入门到入坟"
```

```
@app.route("/login",methods=['post'])  
def login():  
    print("执行login函数")  
    username = request.form.get("username")  
    password = request.form.get("password")  
    print("用户名 : ",username," , 密码 : ",password)
```

```
    db = DbTool  
    db.connect('root','123456','127.0.0.1',3306,'std_python')  
    sql = 'select id,username,password from user where username=%s and password=%s'  
    res = db.query(sql,[username,password])  
    print("res:",res)  
    if len(res)==1:  
        return "登录成功"  
    else:  
        return "用户名不存在或者密码错误！"
```

```
if __name__ == "__main__":  
    app.run()
```

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Title</title>  
</head>  
<body>  
<form action="/login" method="post">  
    用户名 : <input type="text" name="username"> <br>  
    密码 : <input type="password" name="password"> <br>  
    <input type="submit" value="登录">  
</form>  
</body>  
</html>  
class DbTool:
```

```
    def connect(self,user,password,host,port,database):  
        self.conn = mysql.connector.connect(user=user,  
            password=password,  
            host=host,  
            port=port,  
            database=database,  
            buffered=True  
        )
```

```
    def update(self,sql,params):  
        cursor = self.conn.cursor()  
        cursor.execute(sql , params )  
        cursor.close()
```

```
def query(self,sql,params):
    cursor = self.conn.cursor()
    cursor.execute(sql,params)
    res = cursor.fetchall()
    cursor.close()
    return res
```

```
def commit(self):
    self.conn.commit()
```

```
def close(self):
    self.conn.close()
```

参考答案：略