

学号	姓名	提交时间	总分	成绩
-	谭惠方	2023-06-07 11:54:42	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

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学生答案 : from flask import Flask
            from flask import request
            from dbtool import DbTool
            # 创建Flask类对象
            app = Flask(__name__)
            ""
            通过装饰器将url和函数进行绑定，在访问根url时，将该请求交给index()函数处理
            ""

            @app.route('/')
            def index():
                # 返回字符串，表示在页面上显示该字符串
                # return 'Hello, World!'
                return "python从入门到放弃"
            @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:
                    # print("登录成功！")
                    return "登录成功！"
                else:
                    # print("用户名不存在或者密码错误！")
                    return "用户名不存在或者密码错误！"

            if __name__ == "__main__":
                # 启动
                app.run()
            class DbTool:

                def connect(self,user,password,host,port,database):
                    # 连接数据库
                    self.conn = mysql.connector.connect(user=user,
                                                         password=password, # mysql的密码
                                                         host=host,
                                                         port=port, # 改
                                                         database=database, # 改
                                                         buffered=True # 缓冲游标模式
                                                         )

                def update(self,sql,params):
                    # 获取游标，执行sql
                    cursor = self.conn.cursor()
                    cursor.execute(sql , params )
                    cursor.close()

                def query(self,sql,params):
                    # 执行查询
                    cursor = self.conn.cursor()
                    cursor.execute(sql,params)
                    res = cursor.fetchall()
                    cursor.close()
                    return res

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

                def close(self):
                    # 断开连接
                    self.conn.close()

```

参考答案：略

