**Continue based on the Last TASK**

**Create DataBase :**

**TABLE Categories (**

**CategoryID ,**

**CategoryName**

**CategoryImage**

**); // last task**

**TABLE Products (**

**ProductID,**

**ProductName**

**Description**

**Price**

**CategoryID,**

**ProductImage**

**); // last task**

**TABLE Users (**

**UserID,**

**Username**

**Password ,**

**Email**

**); // new**

**TABLE Orders (**

**OrderID,**

**UserID,**

**OrderDate,**

**); //new**

**Continue on the last wep api Core project**

**-Name of this project is WepAPICoreTasks**

**-connect your program with the sql , then**

**-Create Controller (CategoriesController) that include 4 API : // RouteAttribute && Route Parameters**

**- First : getAllCategories**

**- Second : GetCategoryById // minvalue of id =5**

**- third : Get CategoryByName**

**- Fourth : DeleteCategory**

**-Create Controller (ProductsController) that include 4 API : // httpAttribute && Query Paramerters**

**- First : getAllProducts**

**- Second : GetProductById**

**- third : GetProductByName // maxvalue of id =10**

**- Fourth : DeleteProduct**

**Create Controller (UsersController) that include 4 API : // RouteAttribute && Route Parameters**

**- First : getAllUsers**

**- Second : GetUserById**

**- third : GetUserByName**

**- Fourth : DeleteUser**

**Create Controller (OrdersController) that include 4 API : // httpAttribute && Query Paramerters**

**- First : getAllOrders**

**- Second : GetOrderById**

**- third : GetOrderByName**

**- Fourth : DeleteOrder**

**--- use constraint Route API**

**--- check if id <= 0 or name is null return suitable status code**

* **Check if the object is null return suitable status code**