

MYCART

HOW TO RUN SYSTEM USING COMMANDLINE

Note: To run this system you need use some command as shown below

Require Python Package to install:-

Id	Package name	version	usage
1	mysql-connector-python	8.0.29	to connect mysql database
2	tabulate	0.8.9	to represent data in table format

Require Software:-

1. Xampp or wamp server : to store database

Steps:-

Step 1: List all command and its usage which are required to run the system.

- python MyCart.py -- help [or --h]
- if you don't enter any command than it will not work.

```
E:\Python[IntelliJ]\MyCart>python MyCart.py --help
usage: MyCart.py [-h] [--adminaddcategory ADMINADDCATEGORY] [--adminviewcategory ADMINVIEWCATEGORY]
                  [--adminaddproduct ADMINADDPRODUCT ADMINADDPRODUCT ADMINADDPRODUCT ADMINADDPRODUCT]
                  [--adminviewcartandbill ADMINVIEWCARTANDBILL] [--userviewcategory USERVERVIEWCATEGORY]
                  [--userviewproduct USERVERVIEWPRODUCT] [--userproductdesc USERPRODUCTDESC]
                  [--useraddtocart USERADDTOCART USERADDTOCART] [--userviewcartandbill USERVERVIEWCARTANDBILL]
                  [--userremovecartproduct USERREMOVECARTPRODUCT]

optional arguments:
  -h, --help            show this help message and exit
  --adminaddcategory ADMINADDCATEGORY
                        enter category name
  --adminviewcategory ADMINVIEWCATEGORY
                        enter any string
  --adminaddproduct ADMINADDPRODUCT ADMINADDPRODUCT ADMINADDPRODUCT ADMINADDPRODUCT
                        parameter 1 : Name of product,2: Category id,3: Product Description,4:Product Price
  --adminviewcartandbill ADMINVIEWCARTANDBILL
                        enter any string
  --userviewcategory USERVERVIEWCATEGORY
                        enter any string
  --userviewproduct USERVERVIEWPRODUCT
                        enter valid category id
  --userproductdesc USERPRODUCTDESC
                        enter valid product id
  --useraddtocart USERADDTOCART USERADDTOCART
                        parameter 1 :Product Id,2:Product Quantity
  --userviewcartandbill USERVERVIEWCARTANDBILL
                        enter any string
  --userremovecartproduct USERREMOVECARTPRODUCT
                        enter valid cart_id
```

Admin Side :

Step 2: Add Category

- `python MyCart.py --adminaddcategory [unique category name]`
- If you don't enter any category name than it show usage of particular command.
- If Category name is combination of more than word than enter category name in "" [double quote] e.g.: "Home & Kitchen"
- If you try to enter same category name it will give an respective error message.

```
E:\Python\IntelliJ\MyCart>python MyCart.py --adminaddcategory B
Category Added Successfully...
```

Step 3: Display Category

- `python MyCart.py --adminviewcategory [any string]`
- If you don't enter any string than it show usage of particular command.
- If your string is combination of more than word than enter category name in "" [double quote] e.g.: "All Data"

```
E:\Python\IntelliJ\MyCart>python MyCart.py --adminviewcategory B
+-----+-----+
|  Id  | Category Name |
+-----+-----+
|    1 | Books        |
+-----+-----+
|    2 | Electronics   |
+-----+-----+
```

Step 4: Add Product

- `python MyCart.py --adminaddproduct [unique product name] [category id] [product description] [product price]`
- If you don't enter all parameter it show usage of particular command.
- If you try to enter same product name or invalid category id or price it will give respective error.
- If your product name is combination of more than word then enter category name in "" [double quote] e.g.: "All Data"
- Make Sure you enter product description in "" [double quote] e.g.: "product description"

```
E:\Python\Intellij\MyCart>python MyCart.py --adminaddproduct Watch 3 "Sim
Product Added Successfully...
```

Step 5: Display product in cart and bill till now

- `python MyCart.py --adminviewcartandbill [any string]`
- If you don't enter any string than it show usage of particular command.
- If your string is combination of more than word then enter category name in "" [double quote] e.g.: "All Data"

```
E:\Python\Intellij\MyCart>python MyCart.py --adminviewcartandbill all
```

Id	Product Name	Product Prince	Product Quantity	Total
1	Python Book	1000	10	
2	Java Book	1000	10	
3	Java Book	1000	10	

User Side :

Step 6: Display all Category enter by admin

- `python MyCart.py --userviewcategory [any string]`
- If you don't enter any string than it show usage of particular command.
- If your string is combination of more than word than enter category name in "" [double quote] e.g.: "All Data"

```
E:\Python\Intellij\MyCart>python MyCart.py --userviewcategory
+-----+-----+
|  Id  | Category Name |
+=====+=====+
|    1 | Books         |
+-----+-----+
|    2 | Electronics   |
```

Step 7: Display product of particular category.

- `python MyCart.py [valid category id]`
- If you don't enter any category id than it show usage of particular command.
- If you try to enter category id which don't have any product or invalid category id then you get respective error message.

```
E:\Python\IntelliJ\MyCart>python MyCart.py --userview
+-----+-----+-----+
|  Id  | Product Name  |  Price  |
+=====+=====+=====+
|   1  | Python Book   |   1000  |
+-----+-----+-----+
|   2  | Java Book     |   1000  |
+-----+-----+-----+
```

Step 8: Display product detail.

- `python MyCart.py [valid product id]`
- If you don't enter any product id than it show usage of particular command.
- If you try to enter product id which do not exist or invalid product id then you get respective error message.

```
E:\Python\IntelliJ\MyCart\Code>python Mycart.py --user
* Name : Python Book
* Description :Best book for beginner
```

Step 9: add product to cart.

- `python MyCart.py [valid product id] [valid product quantity]`
- If you don't enter any product id or quantity or you enter only one of them than it show usage of particular command.
- If you try to enter product id which don't have any product or invalid quantity then you get respective error message.

```
E:\Python\IntelliJ\MyCart>python MyCart.py --useraddt
Product Added to cart Successfully...
```

Step 10: remove product from cart list.

- `python MyCart.py --userremovecartproduct [valid cart id]`
- If you don't enter any cart id than it show usage of particular command.
- If you try to enter cart id which don't have any product or you have already pay for it then you get respective error message.

```
E:\Python\IntelliJ\MyCart>python MyCart.py --userremovecartproduct [valid cart id]  
Product Deleted from your cart
```

Step 11: View Cart and Pay the Bill for all product which are in cart

- `python MyCart.py --userviewcartandbill [any string]`.
- This command will show all cart , bill and discount [if any] details and ask you for payment.
- if you want pay than enter Y or y or You want to continue shopping then press n or N.[Only this four character are allow]
- If you don't enter any string than it show usage of particular command.
- If your string is combination of more than word than enter category name in "" [double quote] e.g.: "All Data".

```
E:\Python\IntelliJ\MyCart>python MyCart.py --userviewcartandbill all
+-----+-----+-----+-----+
| Id | Product Name | Product Prince | Product Quantity | Total |
+=====+=====+=====+=====+
| 6 | Python Book | 1000 | 10 | |
+-----+-----+-----+-----+
Your Actual Bill 10000.0
Congrats you got discount of rs 500

Your Final Bill : 9500.0
```