

Downl xChica xMana xConte xBlu Micro xSmart x(84) Cl xAngul xSmart xSmart xCamp xGet cl xT-Mo x+localhost:8080/Tutorial_1/WriteReview

Trending

Review

Wearable Technology

FITNESS WATCHES

SMART WATCHES

HEADPHONES

VIRTUAL REALITY

PET TRACKER

Phones

APPLE

SAMSUNG

ONEPLUS

Laptops

DELL

HP

APPLE

Voice Assistant

ALEXA

GOOGLE HOME

Product Name:	ApplePhone13Pro
Product Category:	phones
Product Price:	899.99
Store Zip Code:	
Store ID:	
Store City:	
Store State:	
Product On Sale:	Yes
Manufacturer Rebate:	Yes
User ID:	
User Age :	
User Gender:	Male
User Occupation:	
Product Maker:	Apple

Review

Rating:

Review

Date:

yyyy-mm-dd

Review

Text:

SubmitReview

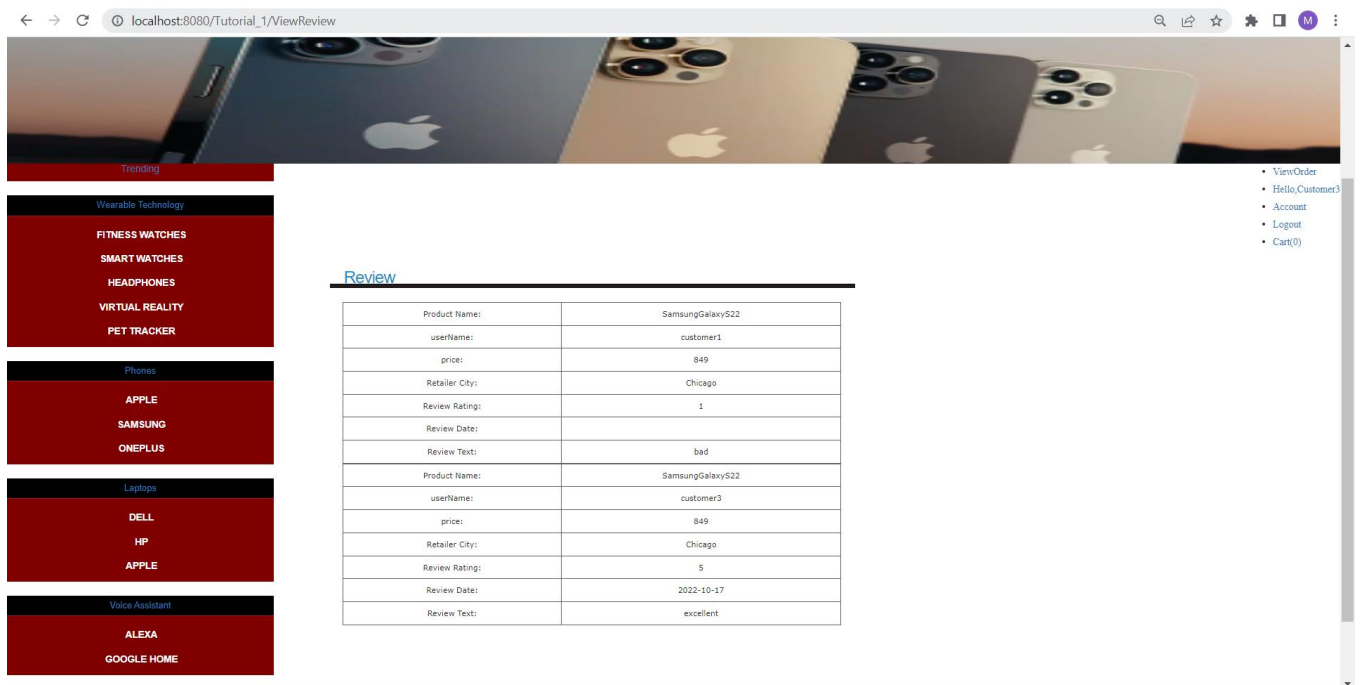
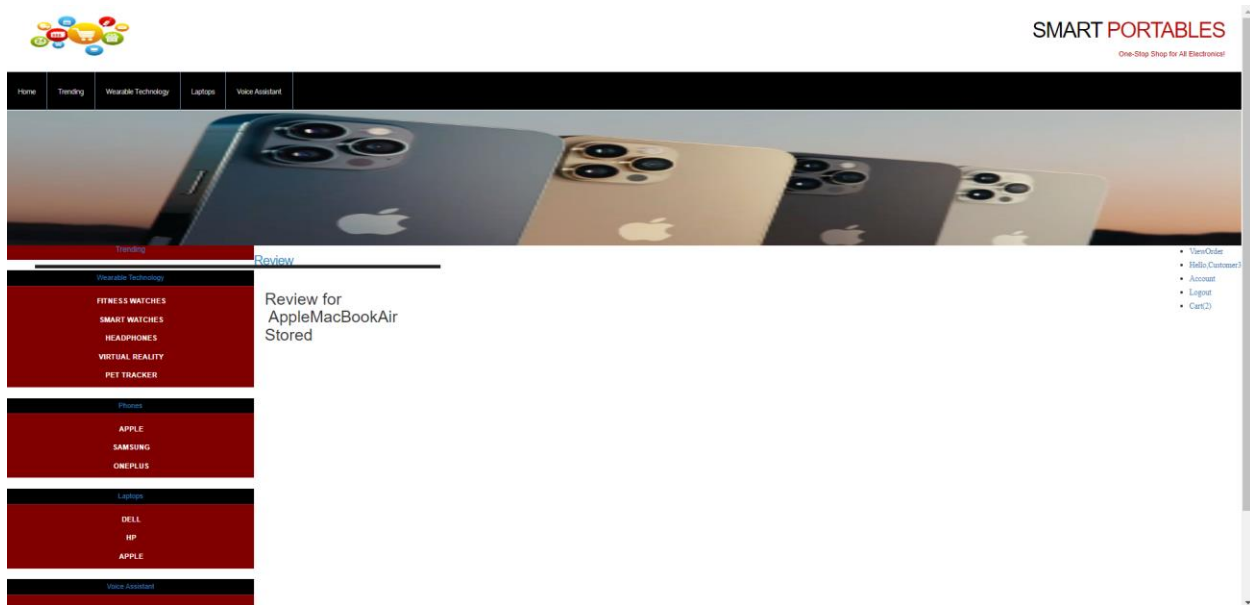
ViewOrder

Hello, Customer3

Account

Logout

Cart(0)



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 4* SQL File 4* SQL File 5* Search

Limit to 1000 rows

```
46 FOREIGN KEY (accessoriesName) REFERENCES Productdetails(Id) ON DELETE SET NULL
47 ON UPDATE CASCADE
48 );
49
50 • select * from Registration;
51 • select * from customerorders;
52 • select * from productdetails;
53 • select * from storelocations;
54 • select * from product_accessories;
55 • show tables;
```

Result Grid

username	password	repassword	usertype
customer3	customer3	customer3	customer
customer4	customer4	customer4	customer
customer5	customer5	customer5	customer
customer6	customer6	customer6	customer
customer7	customer7	customer7	customer
customer8	customer8	customer8	customer
customer9	customer9	customer9	customer
customer10	customer10	customer10	customer
sm1	sm1	sm1	retailer
sm2	sm2	sm2	retailer
sm3	sm3	sm3	retailer
sm4	sm4	sm4	retailer
sm5	sm5	sm5	retailer
sm6	sm6	sm6	retailer
sm7	sm7	sm7	retailer
sl1	sl1	sl1	manager
sl2	sl2	sl2	manager
sl3	sl3	sl3	manager

Registration 28 x

Output

Query Completed

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 4* SQL File 4* SQL File 5* Search

Limit to 1000 rows

```
52 • select * from productdetails;
53 • select * from storelocations;
54 • select * from product_accessories;
55 • show tables;
56
```

Result Grid

ProductType	Id	productName	productPrice	productImage	productManufacturer	productCondition	productDiscount
phones	ApplePhone12Mini	Apple iPhone 12 Mini	499.99	ApplePhone12Mini.jpg	Apple	New	5
phones	ApplePhone13Pro	Apple iPhone 13 pro	899.99	ApplePhone13Pro.jpg	Apple	New	5
phones	ApplePhoneSE	Apple iPhone se	289	ApplePhoneSE.jpg	Apple	New	5
laptops	AppleMacBookAir	Apple MacBook Air	899	AppleMacBookAir.jpg	Apple	New	5
laptops	AppleMacBookPro	Apple MacBook Pro	849	AppleMacBookPro.jpg	Apple	New	5
wts	BeatsStudio3	Beats Studio 3	349.99	BeatsStudio3.jpg	beats	New	5
laptops	DellInspiron15	Dell Inspiron 15	449	DellInspiron15.jpg	Dell	New	5
laptops	DellInspiron3510	Dell Inspiron 3510	599	DellInspiron3510.jpg	Dell	New	5
laptops	DellLatitude7480	Dell Latitude 7480	325	DellLatitude7480.jpg	Dell	New	5
wts	Dosmarter	Dosmarter	59	Dosmarter.jpg	Dosmarter	New	5
ya	EchoDot	EchoDot 2nd gen	54	EchoDot2gen.jpg	Amazon	New	5
ya	EchoDot4	EchoDot 4th gen	44	EchoDot4gen.jpg	Amazon	New	5
ya	Go	Google Home Mini	54	GoogleHomeMini.jpg	Google	New	5
ya	GoogleHom	Google Home	44	HP 14.jpg	google	New	5
ya	GoogleNes	Google Nest	49	HP 14.jpg	google	New	5
wts	HAFURY	HAFURY	32	HAFURY.jpg	HAFURY	New	5
laptops	HP14	HP 14	694	HP 14.jpg	Hp	New	5
laptops	HP Pavilion 15.6HD	HP Pavilion 15	199	HP Pavilion 15.jpg	Hp	New	5
laptops	HPStream	HP Stream	359	HPStream.jpg	Hp	New	5
wts	HTC VIVEPro	HTC VIVEPro	389	HTC VIVEPro.jpg	htc	New	5
wts	JioBitGPSr	Jio bit GPS location monitor	987	HP 14.jpg	jio	New	5
wts	MetaQuest2	MetaQuest2	376	MetaQuest2.jpg	meta	New	5
wts	MorePro	MorePro	49.99	MorePro.jpg	MorePro	New	5
phones	OnePlus10Pro	OnePlus 10 Pro	882	OnePlus10Pro.jpg	oneplus	New	5

productdetails 29 x

Output

Query Completed

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 4* SQL File 4* SQL File 5* Search

Limit to 1000 rows

```
45 ON UPDATE CASCADE,
46 FOREIGN KEY (accessoriesName) REFERENCES Productdetails(Id) ON DELETE SET NULL
47 ON UPDATE CASCADE
48 );
49
50 select * from Registration;
51 select * from customerorders;
```

Result Grid

OrderId	userName	orderName	orderPrice	userAddress	creditCardNo	street	city	state	zipcode
1	customer 1	Lenovo Ideapad	699.99	Ridge	426351	6414 N Ridge Blvd	Chicago	Illinois	60626
2	customer 1	Amazftt Band 5	209.99	6414 N Ridge Blvd	426351	6414 N Ridge Blvd	Chicago	Illinois	60626
3	customer 2	Amazon Echo Dot	79.99	6024 N Blvd	7598466	76st	Chicago	Illinois	60212
4	5	Google Home	99.99	1	1	1	1	1	1
5	storemanager	Apple iPhone 13 Pro	899.99	1	1	1	1	1	1
6	customer 1	Apple iPhone 13 Pro	899.99	6414 N Ridge Blvd	153246	2901	Chicago	Illinois	60626
7	customer 1	Apple iPhone 12 Mini	499.99	6414 N Ridge Blvd	12345	29	Chicago	Illinois	60626
8	customer 1	Samsung Galaxy S10+	424.99	6414 N Ridge Blvd	12345	6414 N Ridge Blvd	Chicago	Illinois	60616
9	customer 1	Samsung Galaxy Z	959.99	6414 N Ridge Blvd	12345	N Ridge Blvd	Chicago	Illinois	60685
10	customer 1	HP Stream	199	64 N Blvd	4862500000000000	86	chicago	il	67878
11	customer 2	Dosmarter	59.94	1234	1234	500	Chicago	Illinois	60616
12	customer 2	Echo Dot (3rd Gen)	39.99	6414 N Ridge Blvd	1234	6414	Chicago	Illinois	60626
13	customer 2	Google Home	99.99	6414 N Ridge Blvd	1234	50	Chicago	Illinois	60612
14	customer 2	Apple iPhone 13 Pro	899.99	6414 N Ridge Blvd	1234	2761 st	Chicago	Illinois	60616
15	customer 2	Google Home	99.99	6414 N Ridge Blvd	1234000000000000	south blvd	Chicago	Illinois	60616
16	customer 2	Apple AirTag Pet Trac...	22.48	6414 N Ridge Blvd	1234500000000000	blvd	Chicago	Illinois	60616
17	customer 3	Echo Dot (4th Gen)	79.99	Ridge Blvd	8467950000000000	Blvd	Chicago	Illinois	60616
18	customer 3	OnePlus 10Pro	799.99	Blvd	8465790000000000	D & Ridge	Chicago	Illinois	6066
19	customer 3	DellInspiron3510	449	6414 N Ridge Blvd	1234845600000000	6414 Ridge	Chicago	Illinois	60616
20	customer 3	Samsung Galaxy S22	849.99	6414 N Ridge Blvd	1234845600000000	6414 Ridge	Chicago	Illinois	60616
21	customer 3	Google Home	99.99	6414 N Ridge Blvd	123456	6414 N Ridge Blvd	Chicago	Illinois	60620

customerorders 43 x

Apply Revert

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 4* SQL File 4* SQL File 5* Search

Limit to 1000 rows

```
51 select * from customerorders;
52 select * from productdetails;
53 select * from storelocations;
54 select * from product_accessories;
55 show tables;
56
57
```

Result Grid

storeid	street	city	state	zipcode
1	1	1	1	1
1251 S Halsted St	1	1	1	1
2901 S King Dr	2901	Chicago	Illinois	60626
50 N Western Ave	76st	Chicago	Illinois	60212
500 W Madison St	500	Chicago	Illinois	60616
Des Plaines	6414 N Ridge Blvd	Chicago	Illinois	60616
Elk Grove Village	6414 N Ridge Blvd	Chicago	Illinois	60626
N Eastern Ave	6414	Chicago	Illinois	60620
S Eastern Ave	Blvd	Chicago	Illinois	60616
NULL	NULL	NULL	NULL	NULL

storelocations 44 x

Output

Apply Revert

localhost:8080/Tutorial_1/Trending

Trending

Wearable Technology

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Voice Assistant

ALEXA

GOOGLE HOME

Best Products

EchoDot(4th Gen)	5
SamsungGalaxyS22	5
EchoDot(3rd Gen)	4
ApplePhone13Pro	4
Dosmarlar	4

Most Sold Products by Zipcode

60526	17
60536	12
60556	11
60612	11
60600	11

Most Sold Products

GoogleHome	13
HPStream	12
Amazff	7
OnePlusNordH20	5
AppleAirTagPetTracker	4

- ViewOrder
- Profile/Customers
- Account
- Logout
- Cart(2)

localhost:8080/Tutorial_1/Home

SMART PORTABLES

One-Stop Shop for All Electronics

Home

Trending

Wearable Technology

Laptops

Voice Assistant

Trending

Wearable Technology

FITNESS WATCHES

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HP

APPLE

Voice Assistant

Welcome to Smart Portables.Your One-Stop Shop for electronics!

- Addproduct
- Updateproduct
- Deleteproduct
- Trending
- DataAnalytics
- Profile/Settings
- Logout
- Cart(0)

localhost:8080/Tutorial_1/ProductModify?button=Addproduct

Add Product

Product Type	<div>Phones</div>
Product	<div>Please mention product if ads</div>
Product Id	<div></div>
Product Name	<div></div>
Product Price	<div>please enter numeric data</div>
Product Image	<div></div>
Product Manufacturer	<div></div>
Product Condition	<div></div>
Product Discount	<div>please enter numeric data</div>

add

Update Product

Product Type	<div>Phone</div>
Product Id	<div></div>
Product Name	<div></div>
Product Price	<div></div>
Product Image	<div></div>
Product Manufacturer	<div></div>
Product Condition	<div></div>
Product Discount	<div></div>

update



SMART PORTABLES

One-Stop Shop for All Electronics!

[Home](#) [Trending](#) [Wearable Technology](#) [Laptops](#) [Voice Assistant](#)

Delete Product

ProductId:

- Addproduct
- Updateproduct
- Deleteproduct
- Trending
- DataAnalytics
- Hello.Sml
- Logout
- Cart(0)

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[Home](#) [Trending](#) [Wearable Technology](#) [Laptops](#) [Voice Assistant](#)

Data Analytics on Review

☐ Select

☐ Select

☐ Select

☐ Select

☐ Select

☐ Group By

Product Name:

Product Price:

Review Rating:

Retailer City:

Retailer Zip code:

City:

☒ Equals

☐ Greater Than

☐ Less Than

☒ Equals

☐ Greater Than

☒ Count

☐ Detail

- Addproduct
- Updateproduct
- Deleteproduct
- Trending
- DataAnalytics
- Hello.Sml
- Logout
- Cart(0)

← → ↻ localhost:8080/Tutorial_1/FindReviews 🔍 📄 ⚙️ 🗑️ 📱

Data Analytics on Review

- Addproduct
- Updateproduct
- Deleteproduct
- Trending
- DataAnalytics
- Hello.html
- Logout
- Cart()

Review		
Name:		Apple iPhone 12 Mini
Rating:		3
Price:		499
Retailer City:		Chicago
Date:		2022-10-17
Review Text:		bad
Retailer Zip Code:		60606
Review		
Name:		Apple iPhone 12 Mini
Rating:		1
Price:		499
Retailer City:		Chicago
Date:		2022-10-17
Review Text:		bad
Retailer Zip Code:		60612
Review		
Name:		Apple iPhone 12 Mini
Rating:		3
Price:		499
Retailer City:		Chicago
Date:		2022-10-17
Review Text:		good
Retailer Zip Code:		60606

```

mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000

test> use CustomerReviews
switched to db CustomerReviews
CustomerReviews> db.myReviews.find()
[
  {
    _id: ObjectId("63430c1b0b11b701238634fd"),
    title: 'myReviews',
    userName: 's',
    productName: 'PS4',
    productType: 'consoles',
    productMaker: 'sony',
    reviewRating: 1,
    reviewDate: '2022-10-11',
    reviewText: 'chi thu',
    retailerpin: '60606',
    retailerCity: 'chicago',
    price: 349
  },
  {
    _id: ObjectId("634317acecb66e1ebf6d4ccf"),
    title: 'myReviews',
    userName: 's',
    productName: 'WII',
    productType: 'consoles',
    productMaker: 'nintendo',
    reviewRating: 1,
    reviewDate: ' ',
    reviewText: ' ',
    retailerpin: ' ',
    retailerCity: ' ',
    price: 249
  },
  {
    _id: ObjectId("63445ff09c1712037e6f930f"),
    title: 'myReviews',
    userName: 'g',
    productName: 'z4',
    productType: 'Games',
    productMaker: 'takeTwoInteractive',
    reviewRating: 1,
    reviewDate: '2022-10-05',
    reviewText: 'h how r u',
    retailerpin: '60620',
    retailerCity: 'chicago',
    price: 50
  },
  {
    _id: ObjectId("6344649f9c1712037e6f9312"),

```