

Test Result for R7

Test are run from empty tables without sample data. Each test runs after another.

Screenshots listed are the result of the queries from each test. If there are multiple SELECT then the result are listed in the order of execution.

1. Insert 5 products

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm

2. Insert 5 product categories

category_id	category_name
1	Fruits
2	Skin Care
3	Vegetables
4	Sports
5	Baby

3. Insert the categories each product

product_id	category_id
1	1
2	1
3	1
4	4
5	4
4	5
5	5

4. Lookup a product by its product_id:

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...

5. Return all products that belong to a specific selected category/multiple selected categories

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith

product_id	description	price	product_rating	picture_source	product_name
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm

6. Return all products that belong to a specific price range

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk....	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
100	Product of Dole Cherry Mixed Fruit Cups, 16 pk....	19.72	4.7	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
507	Developed with Dermatologists, CeraVe Renewi...	17.97	4.9	https://i5.walmartimages.ca/images/Large/409/6...	CeraVe Salicylic Acid Cleanser for Rough & Bu...

7. Return all products that belong to a specific rating range

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk....	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm
100	Product of Dole Cherry Mixed Fruit Cups, 16 pk....	19.72	4.7	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
101	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market

8. Sort products by price or ratings (both ascending and descending)

product_id	description	price	product_rating	picture_source	product_name
103	Sweet & succulent. Blitz with low fat yogurt and...	4.97	2.1	https://i5.walmartimages.ca/images/Enlarge/094...	Strawberries
201	Specification: Cute soft rabbit printed towel. Soft...	2.90	2.5	https://i5.walmartimages.com/asr/62c8efe1-29e...	Visland Cute Baby Infant Newborn Rabbit Carto...
104	Sweet & juicy! Raspberries pack a healthy punc...	3.97	2.5	https://i5.walmartimages.ca/images/Enlarge/094...	Raspberries
506	Pollution, weather, sun, indoor heating and air c...	14.99	2.8	https://i5.walmartimages.ca/images/Large/9_r/e...	NIVEA Essential Care 24H Moisture Lip Balm St...
307	Onions are a source of Vitamin C and Vitamin B...	2.47	3.4	https://i5.walmartimages.ca/images/Enlarge/208...	onion
105	HEALTH BENEFITS: Grapes are a source of Ri...	6.55	3.6	https://i5.walmartimages.ca/images/Enlarge/042...	Grapes Red Seedless
110	This Jumbo Pineapple is a great addition to smo...	3.97	3.9	https://i5.walmartimages.ca/images/Enlarge/198...	Pineapple, Golden Jumbo

product_id	description	price	product_rating	picture_source	product_name
505	For men's faces, necks, razor bumps and wome...	34.99	5.0	https://i5.walmartimages.ca/images/Large/597/2...	Tend Skin Solution
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
504	Developed with dermatologists, CeraVe Moisturi...	28.97	5.0	https://i5.walmartimages.ca/images/Large/409/6...	CeraVe Moisturizing Cream with 3 Ceramides a...
502	Developed with dermatologists, CeraVe Daily M...	20.97	5.0	https://i5.walmartimages.ca/images/Large/410/0...	CeraVe Daily Moisturizing Lotion Body Lotion...
500	Enhance your skin's natural glow with this lightw...	21.97	5.0	https://i5.walmartimages.ca/images/Large/279/8...	COSRX Advanced Snail 96 Mucin Power Essence
202	Parent's Choice Organic baby food purées offer...	1.00	5.0	https://i5.walmartimages.ca/images/Large/etr/j/c...	Parent's Choice Organic Banana, Strawberry &...
207	Made with organically grown cotton, this organic...	14.97	4.9	https://i5.walmartimages.ca/images/Large/665/1...	George baby Organic Cotton Flannel Crib Sheet

product_id	description	price	product_rating	picture_source	product_name
308	A savory addition to any dish, zucchini can be...	0.97	4.2	https://i5.walmartimages.ca/images/Enlarge/094...	zucchini
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith
102	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple, Granny Smith
202	Parent's Choice Organic baby food purées offer...	1.00	5.0	https://i5.walmartimages.ca/images/Large/etr/j/c...	Parent's Choice Organic Banana, Strawberry &...
301	Cucumbers are a source of Vitamin K which con...	1.67	4.4	https://i5.walmartimages.ca/images/Enlarge/920...	cucumber
304	Broccoli is an excellent source of Vitamin C and...	1.97	4.4	https://i5.walmartimages.ca/images/Enlarge/094...	brocoli stalks

product_id	description	price	product_rating	picture_source	product_name
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
508	PanOxyl Antimicrobial Acne Creamy Wash, 4%...	36.50	4.5	https://i5.walmartimages.com/asr/b9106f16-e8d...	PanOxyl Antimicrobial Acne Creamy Wash, 4%...
505	For men's faces, necks, razor bumps and wome...	34.99	5.0	https://i5.walmartimages.ca/images/Large/597/2...	Tend Skin Solution
205	Designed with you and your little human in mind...	29.97	4.7	https://i5.walmartimages.ca/images/Large/299/1...	Rascal + Friends Premium Jumbo Diapers
504	Developed with dermatologists, CeraVe Moisturi...	28.97	5.0	https://i5.walmartimages.ca/images/Large/409/6...	CeraVe Moisturizing Cream with 3 Ceramides a...
509	Pond's Dry Skin Cream is a face moisturizer tha...	23.40	4.1	https://i5.walmartimages.ca/images/Large/000/0...	Pond's Dry Skin Cream Facial Moisturizer
500	Enhance your skin's natural glow with this lightw...	21.97	5.0	https://i5.walmartimages.ca/images/Large/279/8...	COSRX Advanced Snail 96 Mucin Power Essence
502	Developed with dermatologists, CeraVe Daily M...	20.97	5.0	https://i5.walmartimages.ca/images/Large/410/0...	CeraVe Daily Moisturizing Lotion Body Lotion...

9. Sort all products in the selected category/categories by price/rating

product_id	description	price	product_rating	picture_source	product_name
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk....	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...

product_id	description	price	product_rating	picture_source	product_name
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm

10. Sort all products in the selected category/categories by rating

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith

product_id	description	price	product_rating	picture_source	product_name
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm

11. Sort all products in the selected price range(s) by rating (both asc/desc)

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith

product_id	description	price	product_rating	picture_source	product_name
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm

12. Return all products in the selected category/categories in the selected price range(s), sorted by rating (both asc/desc)

product_id	description	price	product_rating	picture_source	product_name
1	Product of Dole Cherry Mixed Fruit Cups, 16 pk...	19.72	4.0	https://www.walmart.com/ip/Product-of-Dole-Ch...	Product of Dole Cherry Mixed Fruit Cups 16 pk./...
2	FRESHNESS GUARANTEED. You want the fre...	3.90	4.0	https://i5.walmartimages.ca/images/Enlarge/398...	Apple Royal Gala Your Fresh Market
3	HEALTH BENEFITS: Apples are a source of fib...	0.99	4.6	https://i5.walmartimages.ca/images/Enlarge/_41...	Apple Granny Smith

product_id	description	price	product_rating	picture_source	product_name
4	Triple the play with the Little Tikes 3-in-1 Sports...	69.97	5.0	https://i5.walmartimages.ca/images/Enlarge/277...	Little Tikes 3-in-1 Sports Zone
5	Colorful cotton-filled soccer ball for indoor outdo...	11.19	4.0	http://t3.gstatic.com/images?q=tbn:ANd9GcSL1i...	Soft Soccer Ball Football Sport Indoor 11.5cm