

OUTPUT RESULT OF QUERIES

Query1) Print the list of all products and their ratings

14

Name: **XBox_360**

Price: 700
Product Category: GameMaker
Retailer Name: GameSpeed
Retailer Zipcode: 45678
Retailer City: Chicago
Retailer State: Illinois
Product On Sale: No
User Name: bhumit
Manufacturer Rebate: No
Rating: 5
Date: 2015-10-30
Review Text: excellent

15

Name: **XBox_360**

Price: 400
Product Category: ConsoleMaker
Retailer Name: GameSpeed
Retailer Zipcode: 34567
Retailer City: Bloomington
Retailer State: London
Product On Sale: No
User Name: anushka
Manufacturer Rebate: No
Rating: 4
Date: 2015-11-24
Review Text: average

Query3) Get a list of products that got review rating 5 and price more than 1000

1

Name: **PlayStation_5**

Price: 1100

Product Category: GamingConsole

Retailer Name: GameSpeed

Retailer Zipcode: 60016

Retailer City: Chicago

Retailer State: Illinois

Product On Sale: Yes

User Name: neha

Manufacturer Rebate: Yes

Rating: 5

Date: 2015-10-29

Review Text: mindblowing

2

Name: **PlayStation_5**

Price: 1100

Product Category: GamingConsole

Retailer Name: GameSpeed

Retailer Zipcode: 60016

Retailer City: Wisconsin

Retailer State: Illinois

Product On Sale: Yes

User Name: happy

Manufacturer Rebate: Yes

Rating: 5

Date: 2015-10-12

Review Text: nice

Query4) Print a list of how many reviews for every product

Product: tablet	Reviews Found: 1
Rating: 3 Review: average	
Product: XBox_1	Reviews Found: 2
Rating: 1 Review: worst product	
Rating: 1 Review: overheating	
Product: HeadPhones	Reviews Found: 1
Rating: 3 Review: awesome trosome	
Product: Wii_U	Reviews Found: 2
Rating: 3 Review: well	
Rating: 1 Review: farzi	

Query 6) Find the highest price product reviewed/sold in every city

City: Bloomington	Highest Price: 700	Reviews Found: 2
Product: Wii_2 ProductPrice: 700 Review: average		
City: SansFransico	Highest Price: 800	Reviews Found: 1
Product: XBox_Original ProductPrice: 800 Review: overheating problem		
City: Vegas	Highest Price: 800	Reviews Found: 1
Product: XBox_Original ProductPrice: 800 Review: average		
City: manchester	Highest Price: 1000	Reviews Found: 1
Product: HeadPhones ProductPrice: 1000 Review: awesome trosome		
City: NewYork	Highest Price: 234	Reviews Found: 2
Product: XBox_1 ProductPrice: 234 Review: worst product		
City: Wisconsin	Highest Price: 1100	Reviews Found: 2
Product: PlayStation_5 ProductPrice: 1100		

Query 8) Top five list of liked products for every city

City: Chicago	Reviews Found: 12
Product: XBox_Original ProductPrice: 200 Rating: 5 Review: Excellent	
Product: PlayStation_5 ProductPrice: 1100 Rating: 5 Review: mindblowing	
Product: XBox_Original ProductPrice: 300 Rating: 5 Review: so great	
Product: XBox_Original ProductPrice: 300 Rating: 5 Review: amazing	
Product: XBox_Original ProductPrice: 600 Rating: 5 Review: best product	

BONUS QUESTIONS

Query 18) List of Reviewers where age is greater than 50 and list is sorted by age in every city

Query Result

Advance Search By Age And City

City: SansFransico
Product: XBox_Original User Age: 56 Rating: 2 Review: overheating problem
City: dehradun
Product: tablet User Age: 70 Rating: 3 Review: not bad

Query 20) Pattern Matching

Retailer Name: walmart
Retailer Zipcode: 18004
Retailer City: NewOrleans
Retailer State: Illinois
Product On Sale: Yes
User Name: divya
User Age: 33
User Gender: female
User Occupation: manager
Manufacturer Rebate: Yes
Rating: 1
Date: 2015-10-14
Review Text: overheating

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Name: **XBox_Original**

Price: 800
Product Category: GameMaker
Retailer Name: GameSpeed
Retailer Zipcode: 30005
Retailer City: SansFransico
Retailer State: California
Product On Sale: No
User Name: vidya
User Age: 56
User Gender: female
User Occupation: professor
Manufacturer Rebate: No
Rating: 2
Date: 2015-10-13
Review Text: overheating problem