

Homework 11

Name: Zixin Ouyang

Exercise 1

a

```
60      proc sql;
61          describe table hw11.employee_roster;
NOTE: Data file HW11.EMPLOYEE_ROSTER.DATA is in a format that is
      native to another host, or the file encoding does not match the
      session encoding. Cross Environment Data Access will be used,
      which might require additional CPU resources and might reduce
      performance.
NOTE: SQL table HW11.EMPLOYEE_ROSTER was created like:

create table HW11.EMPLOYEE_ROSTER( bufsize=65536 )
(
  Employee_ID num label='Employee ID',
  Employee_Country char(2) label='Employee Country',
  Company char(30) label='Company',
  Department char(40) label='Department',
  Section char(40) label='Section',
  Org_Group char(40) label='Group',
  Job_Title char(25) label='Job Title',
  Employee_Name char(40) label='Employee Name',
  Employee_Gender char(1) label='Employee Gender',
  Salary num label='Annual Salary',
  Employee_BirthDate num label='Employee Birth Date',
  Employee_Hire_Date num label='Employee Hire Date',
  Employee_Term_Date num label='Employee Termination Date',
  Manager_Levels num label='Levels of Management',
  Manager_Level1 num label='Manager at 1. level',
  Manager_Level2 num label='Manager at 2. level',
  Manager_Level3 num label='Manager at 3. level',
  Manager_Level4 num label='Manager at 4. level',
  Manager_Level5 num label='Manager at 5. level',
  Manager_Level6 num label='Manager at 6. level'
);

62      quit;
```

Exercise 1

C

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Employee Name	Position	Yearly Salary
Patrick Lu	Director	163040
Tom Zhou	Sales Manager	108255
Wilson Dawes	Sales Manager	87975
Anthony Miller	Chief Executive Officer	433800
Christine Fletcher	Chief Marketing Officer	207885
Harry Highpoint	Chief Sales Officer	243190
Max Crown	Chief Financial Officer	268455
Jacques Villeneuve	Senior Strategist	76105
Jay Havasy	Director	161290
Cynthia Racine	Senior Logistics Manager	85495
Jill Leacock	Senior Logistics Manager	80070
Roya Ridley	Senior Marketing Manager	87420
Elizabeth Ardskin	Senior Project Manager	80755
Fred Benyami	IS Director	80210
Henri Le Bleu	Vice President	194885
Reginald Steiber	Director	156065
Louis Favaron	Senior Sales Manager	95090
Renee Capachietti	Sales Manager	83505
Dennis Lansberry	Sales Manager	84260

Exercise 1 d

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Employee ID	Employee Gender	Section	Annual Salary
120106	M	Administration	26960

Exercise 1

e

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Employee Name	Employee ID	Group
Dennis Entwisle	120110	Stock Admin
Ellis Glattback	120112	Security Guards
Darshi Hartshorn	120118	Cabinet Maker's Workshop
Christina Ngan	120122	Assorted Sports Articles
Caterina Hayawardhana	120154	Racket Sports
Daniel Pilgrim	120158	Racket Sports
Chuck Segrave	120160	Racket Sports
Cos Tannous	120169	Swim Sports
Edwin Comber	120172	Swim Sports
Doungkamol Simms	120174	Swim Sports
Christine Fletcher	120260	Executives
Doris Antonini	120273	Eclipse
Cynthia Racine	120661	Logistics
Edwin Droste	120667	Import/Export
Chrisy Cutucache	120679	Stock & Shipping Americas
Elery Tolbet	120681	Stock & Shipping Americas
Deven Kochneff	120683	Stock & Shipping Americas
Diaz Tellam	120693	Stock & Shipping Asia/Pacific
Elisabeth Motashaw	120712	Catalog
Carston Campbell	120713	Catalog
Charles Hennington	120718	Events & PR
Dlutomi Knust	120721	Marketing
Deanna Olsen	120723	Marketing
Donald Marples	120727	Orion Club Member Service
Chimena Harrison	120743	Sports
Connie Woods	120750	Accounting & Budgeting
Elizabeth Thoits	120755	Concession Billing
Erich Overdorff	120772	Group HR
Entrisse Horne	120773	Group HR
Davis Karp	120783	Group Recruitment
Damesha Donnell	120785	Recruitment & Training
Chris-Anne Delafuente	120786	Recruitment & Training
Carl Peachey	120787	Recruitment & Training
David Deacon	120795	Management Applications
Elizabeth Ardskin	120798	IS Management
Chiorene Marion	120809	Planning

Exercise 1

e

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Employee Name	Employee ID	Group
Dale Bergeron-Jeter	120811	Till Systems
Craig Honore	120815	Orion Club Member Service
Danelle Sergeant	120994	Administration
Eron Mckenzie	121008	Security Guards
Donald Lamp	121010	Service
Carmelo Broome	121012	Service
Donelle Liguori	121014	Electrical Workshop
Cherda Ridley	121020	Assorted Sports Articles
David Anstey	121038	Clothes
Donald Washington	121039	Clothes
Cascile Hampton	121045	Golf
Daniel Pulliam	121054	Indoor Sports
Clement Davis	121055	Indoor Sports
Del Kohake	121058	Shoes
Elizabeth Spofford	121060	Shoes
Debra Armant	121062	Outdoors
Corneille Malta	121065	Outdoors
Ceresh Norman	121066	Outdoors
Christer North	121072	Outdoors
Donald Court	121073	Outdoors
Eric Michonski	121074	Outdoors
Ernest Kadiri	121091	Running - Jogging
Carl Vasconcellos	121093	Running - Jogging
Deginald Gonzalez	121124	Temporary
Diosdado Mckee	121139	Winter Sports
Dennis Lansberry	121145	Sales Management
Christine Sneed	121147	Sales Management

Exercise 1

f

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Employee Gender	Average_Salary	Median_Salary
F	35591.31	28800
M	40050.04	28615

Exercise 2

b

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CustNumber	Model	Quantity	Price	Total_Cost
101	L776	1	\$159.98	\$159.98
102	M123	10	\$4.59	\$45.90
103	X999	2	\$29.95	\$59.90
103	M567	1	\$23.50	\$23.50

Exercise 2
d

Model	Price
S888	\$12.99
S776	\$1.99