Wentworth Institute of Technology

Comp355 Database Management Systems

Fall 2014

Lab 10

Instructions: Please use the Richard's Catering case study for all queries.

1. List the last name and first name of all staff supervised by Meredith Yolanda who make more than $15 per hour
2. List the location, date and time of all events that had Beef Au Jous as the main course (use the description from the maincourse)
3. List the description of all main courses that include a baked potato and a tossed salad.
4. Find all dishes which have never been served
5. (Extra Credit 10 points) The shift field in the staff table indicates either 1, day shift
   (available for breakfast or lunch) and 2, night shift (available for dinner.) The start_hour field in the event table indicates the hour (in 24 hour format) that an event starts. Assume that the day shift is available to work from 7:00 am to 3:00 pm and the night shift is available from 3:00 pm to 11:00 pm. Management would like a report of which employees worked shifts that were not their normal shifts. Please write a query to show the employee name, date of the event and hours worked (assume that the employee worked the total event time). You may need to create a view first. Hint: you may wish to perform a union operation.

staff
- *
- SSN
- ☑ LNAME
- ☑ FNAME
- ADDRESS
- CITY
- STATE
- ZIPCODE
- TELEPHONE
- HOURLY_RATE
- SUPERVISOR
- SHIFT

event_staff
- *
- EVENT_ID
- SSN

event
- *
- EVENT_ID
- EVENT_DATE
- EVENT_TIME
- START_HOUR
- LOCATION
- EVENT_TYPE
- CUSTOMER_ID
- MENU_ID
- PLATES
- DURATION

menu
- *
- MENU_ID
- MAINCOURSE_ID
- DESSERT_ID
- STYLE

course_item
- *
- MAINCOURSE_ID
- DISH_ID

dessert
- *
- DESSERT_ID
- DESCRIPTION

dish
- *
- DISH_ID
- DESCRIPTION
- PREPTIME
- SERVICETYPE

maincourse
- *
- MAINCOURSE_ID
- DESCRIPTION

staff
- *
- SSN
- ☑ LNAME
- ☑ FNAME
- ADDRESS
- CITY
- STATE
- ZIPCODE
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- HOURLY_RATE
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event_staff
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- DESCRIPTION

dish
- *
- DISH_ID
- DESCRIPTION
- PREPTIME
- SERVICETYPE

maincourse
- *
- MAINCOURSE_ID
- DESCRIPTION

staff
- [ ] *
- [ ] SSN
- [x] LNAME
- [x] FNAME
- [ ] ADDRESS
- [ ] CITY
- [ ] STATE
- [ ] ZIPCODE
- [ ] TELEPHONE
- [ ] HOURLY_RATE
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event_staff
- [ ] *
- [ ] EVENT_ID
- [ ] SSN

event
- [ ] *
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- [ ] EVENT_DATE
- [ ] EVENT_TIME
- [ ] START_HOUR
- [ ] LOCATION
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- [ ] CUSTOMER_ID
- [ ] MENU_ID
- [ ] PLATES
- [ ] DURATION

menu
- [ ] *
- [ ] MENU_ID
- [ ] MAINCOURSE_ID
- [ ] DESSERT_ID
- [ ] STYLE

dessert
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- [ ] DESSERT_ID
- [ ] DESCRIPTION

maincourse
- [ ] *
- [ ] MAINCOURSE_ID
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course_item
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- [ ] MAINCOURSE_ID
- [ ] DISH_ID

dish
- [ ] *
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- [ ] DESCRIPTION
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- [ ] SERVICETYPE

staff
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- [ ] SHIFT

event_staff
- [ ] *
- [ ] EVENT_ID
- [ ] SSN

event
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- [ ] EVENT_TIME
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- [ ] EVENT_TYPE
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maincourse
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event
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