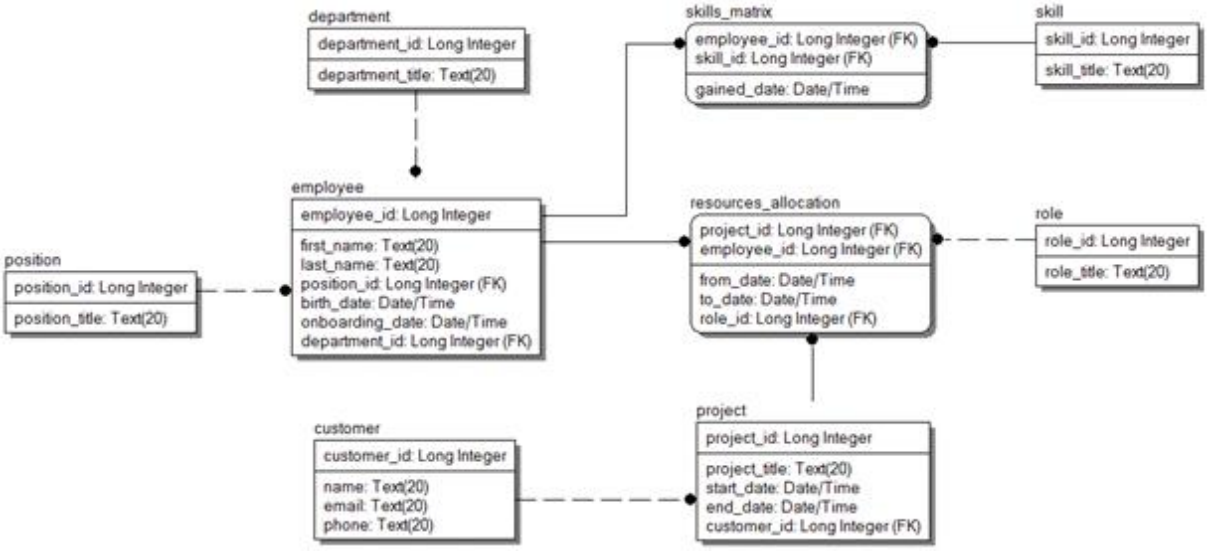
FN: _____ Group: _____

Date: _____

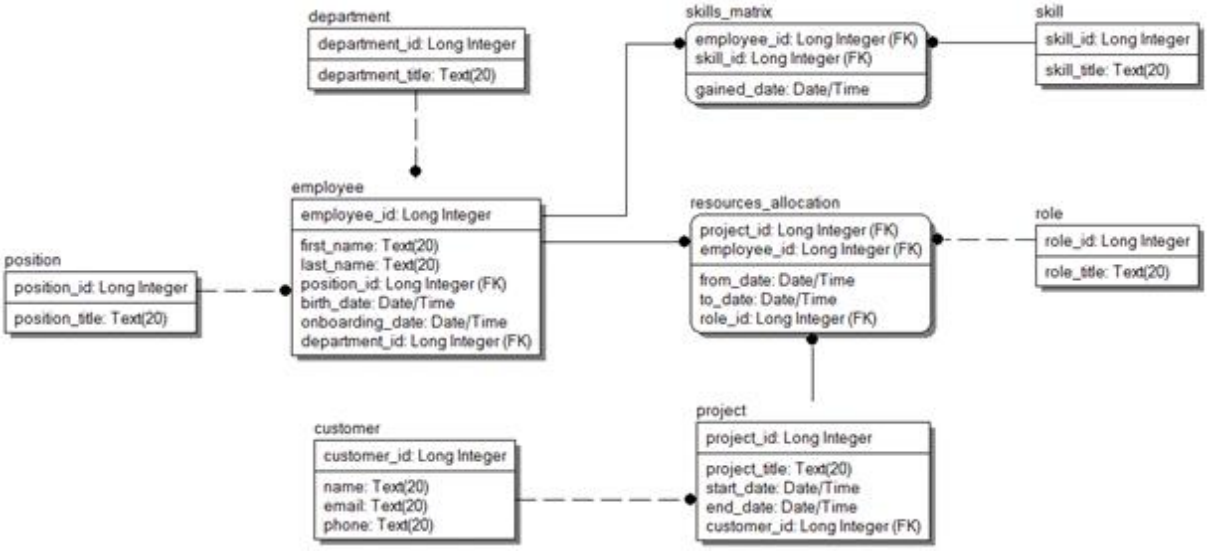


Write the following SQL query:

1. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which birthday is in July. Sort employees by age in reverse order.

FN: _____ Group: _____

Date: _____

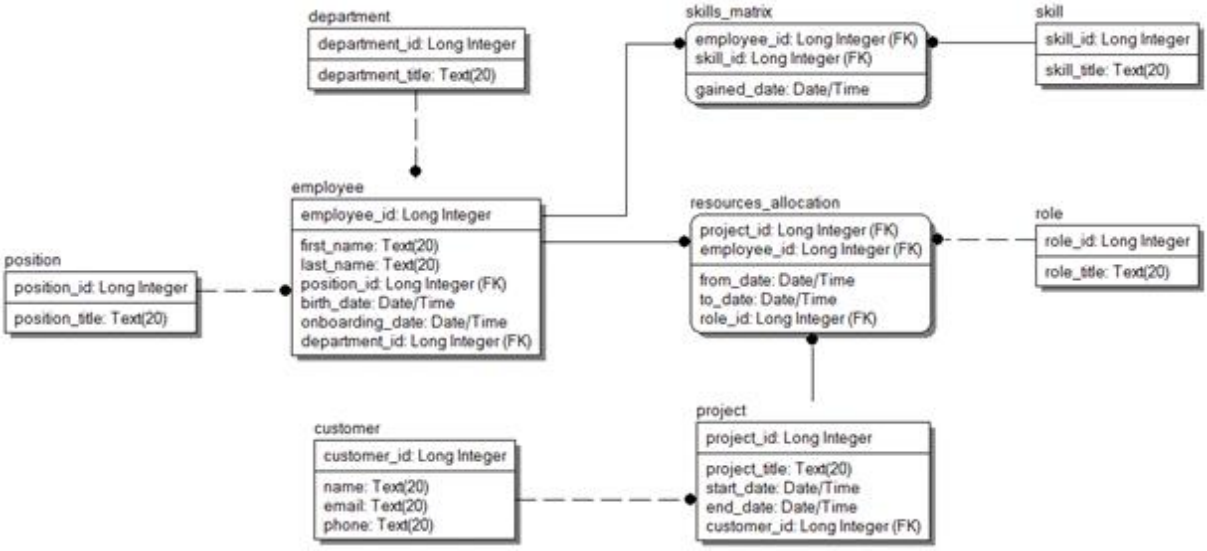


Write the following SQL query:

2. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which birthday is in November. Sort employees by age.

FN: _____ Group: _____

Date: _____

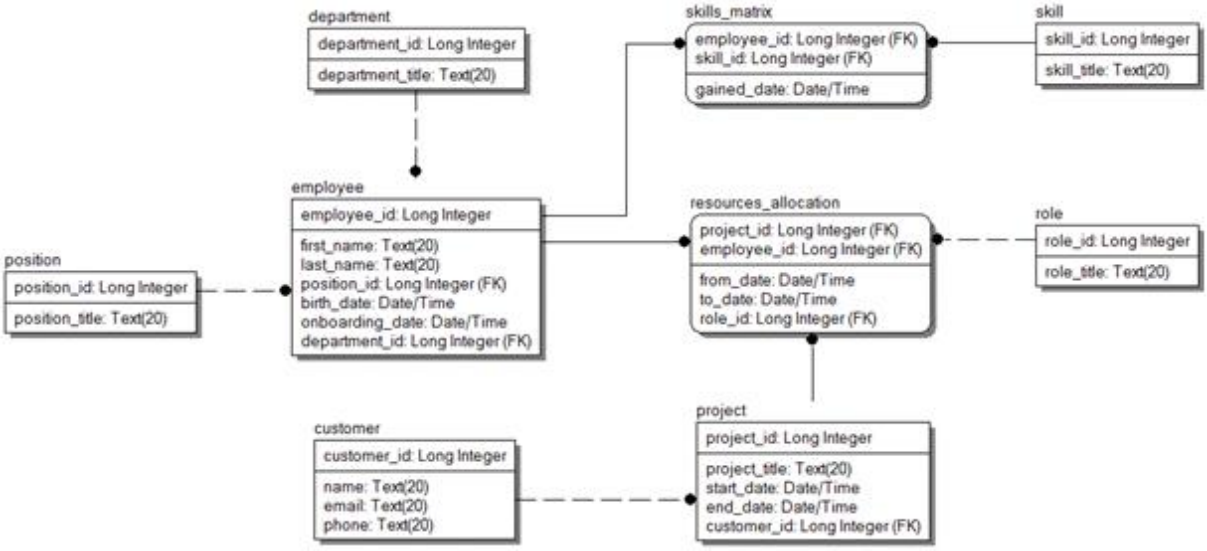


Write the following SQL query:

3. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which are younger than 25. Sort employees by age in reverse order.

FN: _____ Group: _____

Date: _____

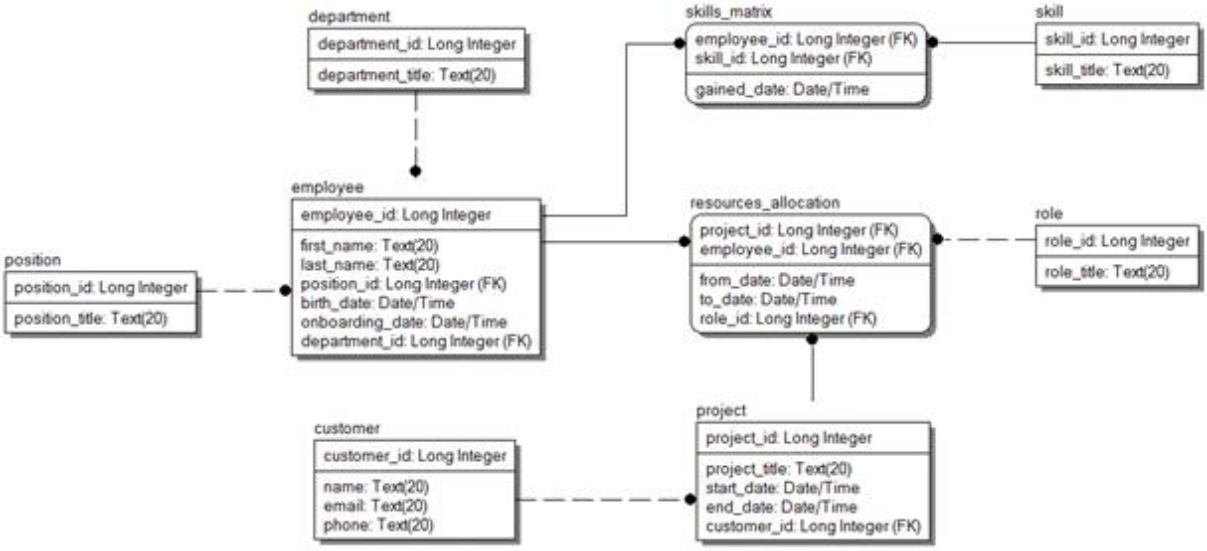


Write the following SQL query:

4. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which are older than 45. Sort employees by age.

FN: _____ Group: _____

Date: _____

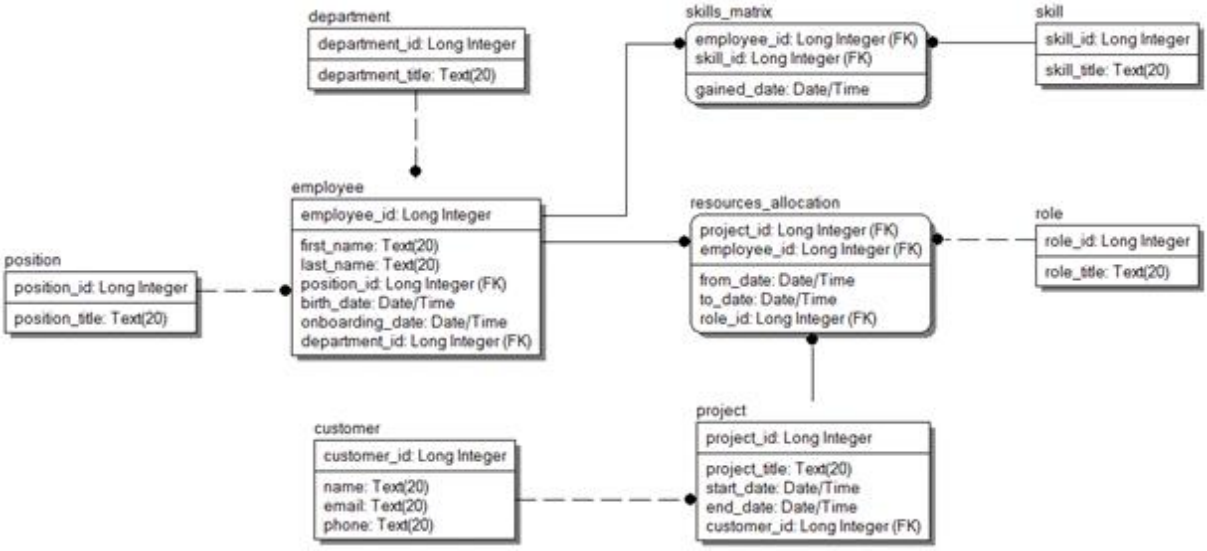


Write the following SQL query:

5. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which have over a year of work experience. Sort employees by work experience.

FN: _____ Group: _____

Date: _____

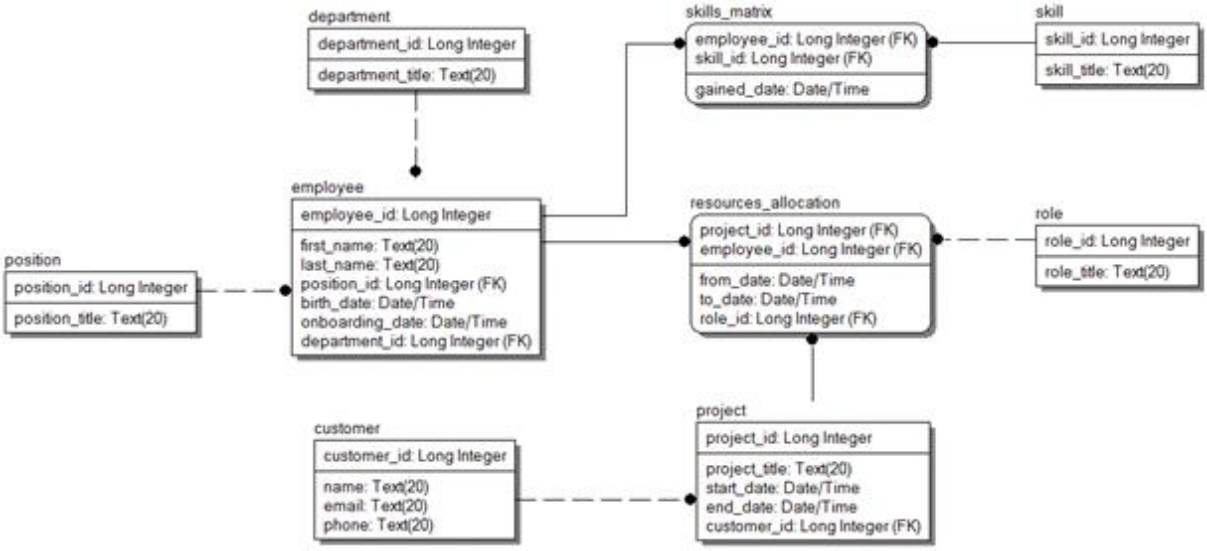


Write the following SQL query:

6. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which have over 5 years of work experience. Sort employees by work experience in reverse order.

FN: _____ Group: _____

Date: _____

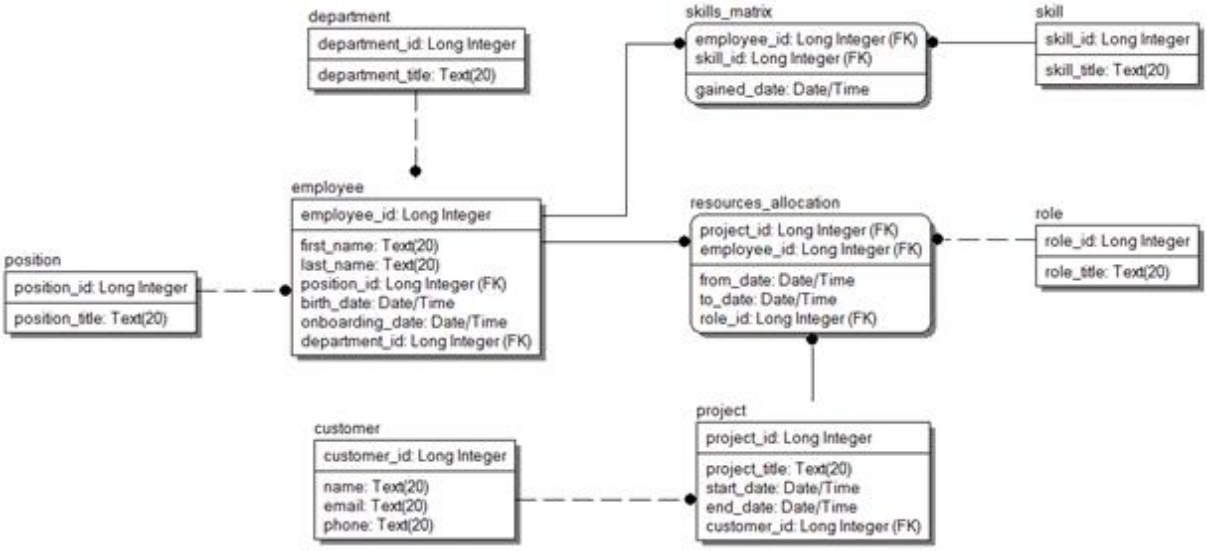


Write the following SQL query:

7. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which have over 10 years of work experience. Sort employees by work experience in reverse order.

FN: _____ Group: _____

Date: _____

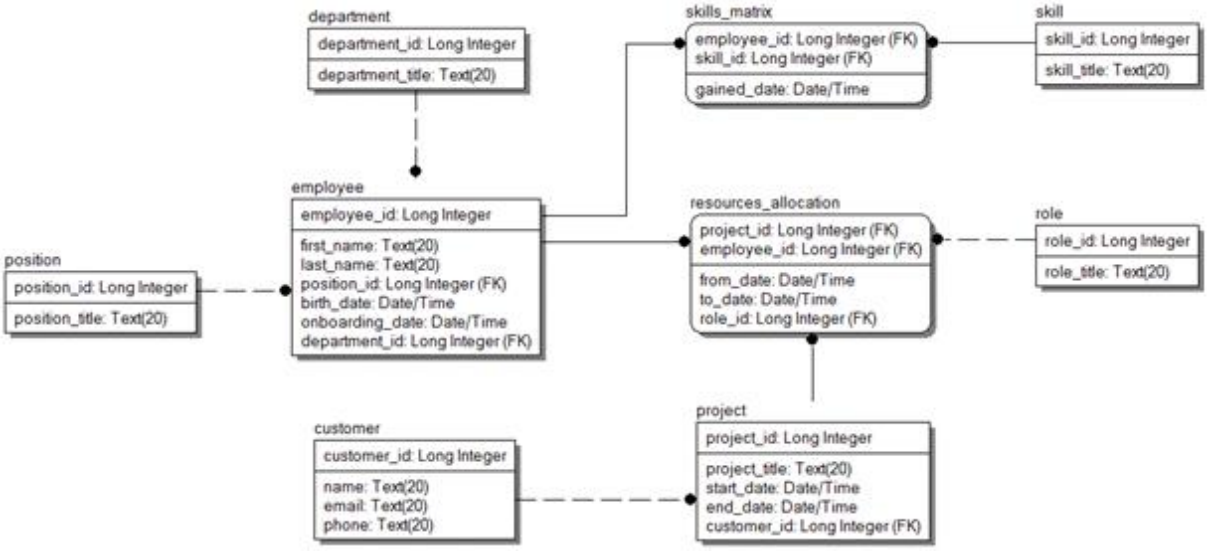


Write the following SQL query:

8. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which name starts with “J”. Sort employees by name.

FN: _____ Group: _____

Date: _____

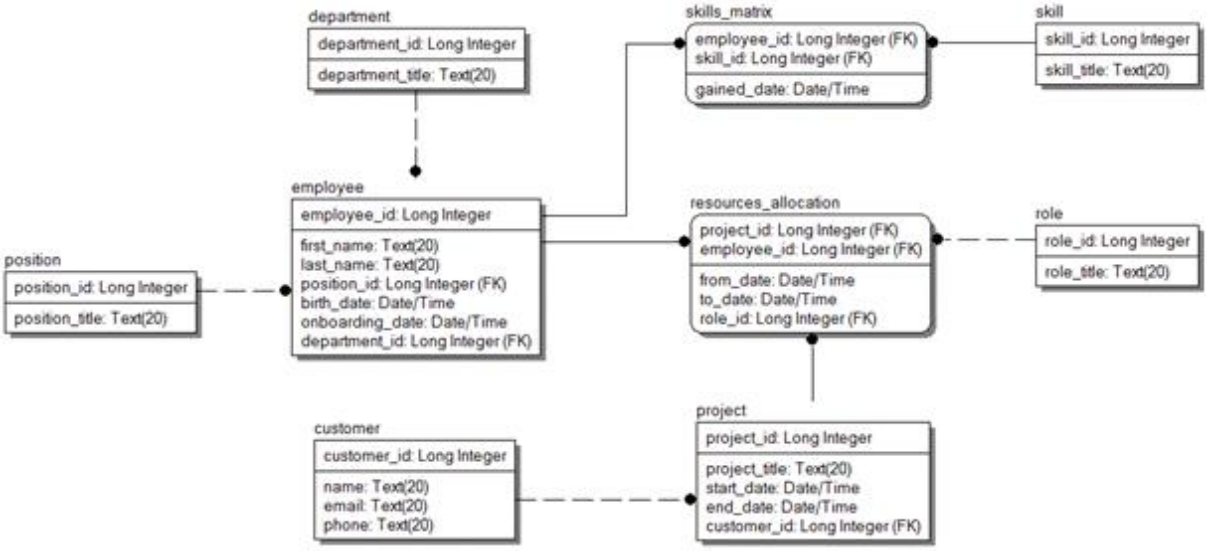


Write the following SQL query:

9. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which last name starts with “K”. Sort employees by name in reverse order.

FN: _____ Group: _____

Date: _____

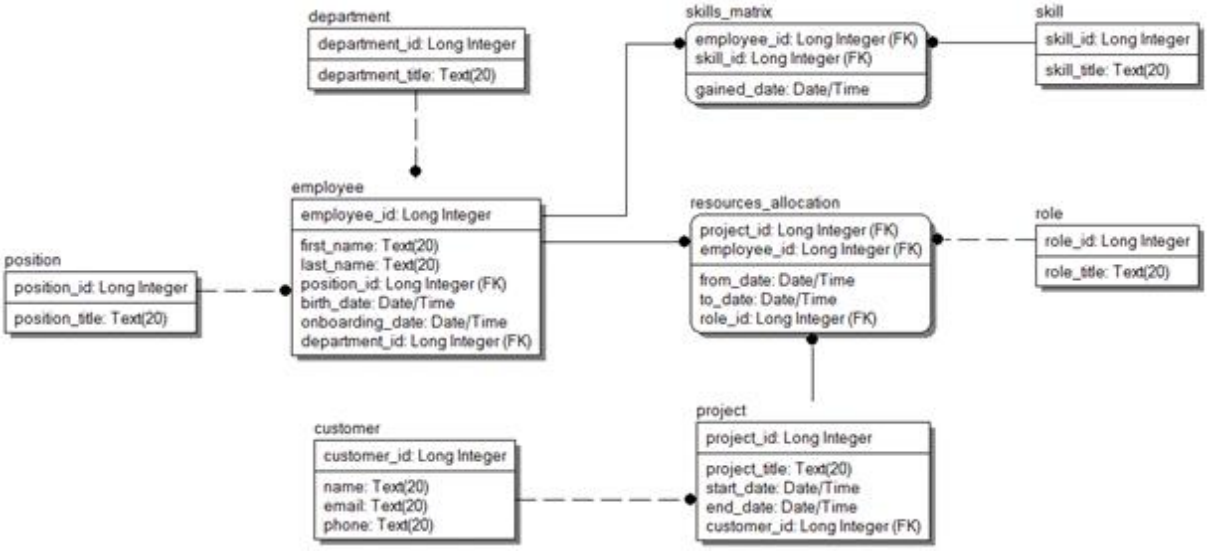


Write the following SQL query:

10. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the “Development” department over 5 years. Sort employees by work experience.

FN: _____ Group: _____

Date: _____

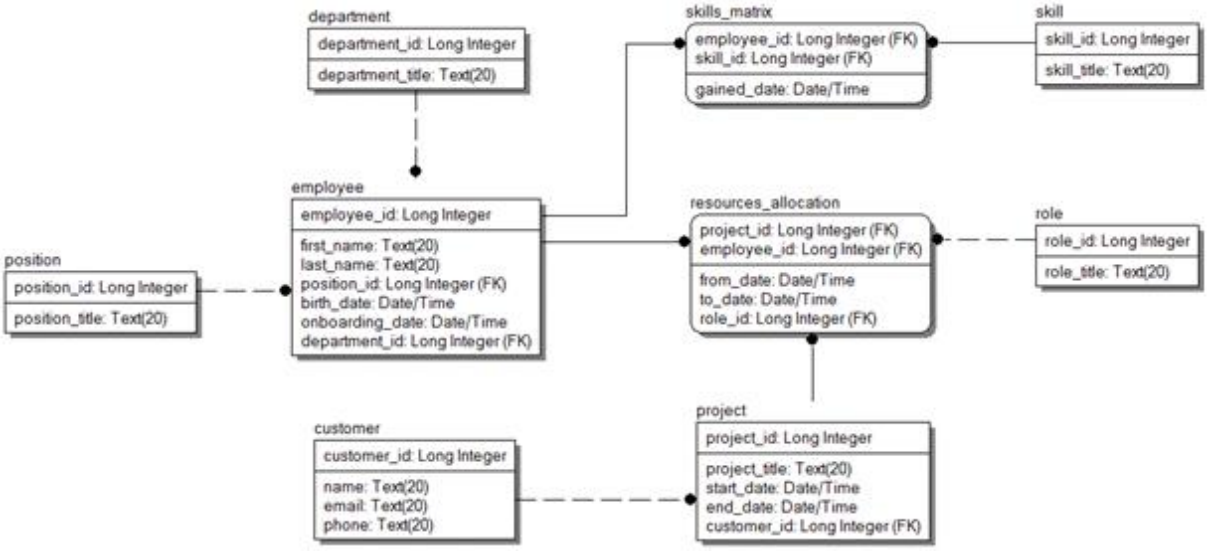


Write the following SQL query:

11. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the “Management” department over 3 years. Sort employees by work experience in reverse order.

FN: _____ Group: _____

Date: _____

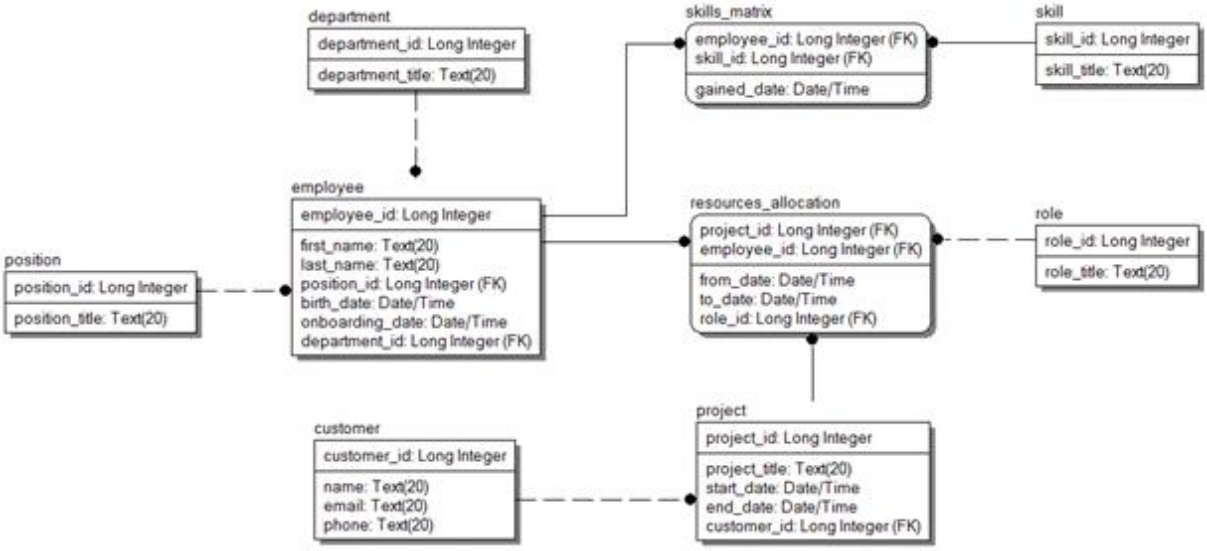


Write the following SQL query:

12. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the ‘IT-Department” department less than 1 year. Sort employees by work experience.

FN: _____ Group: _____

Date: _____

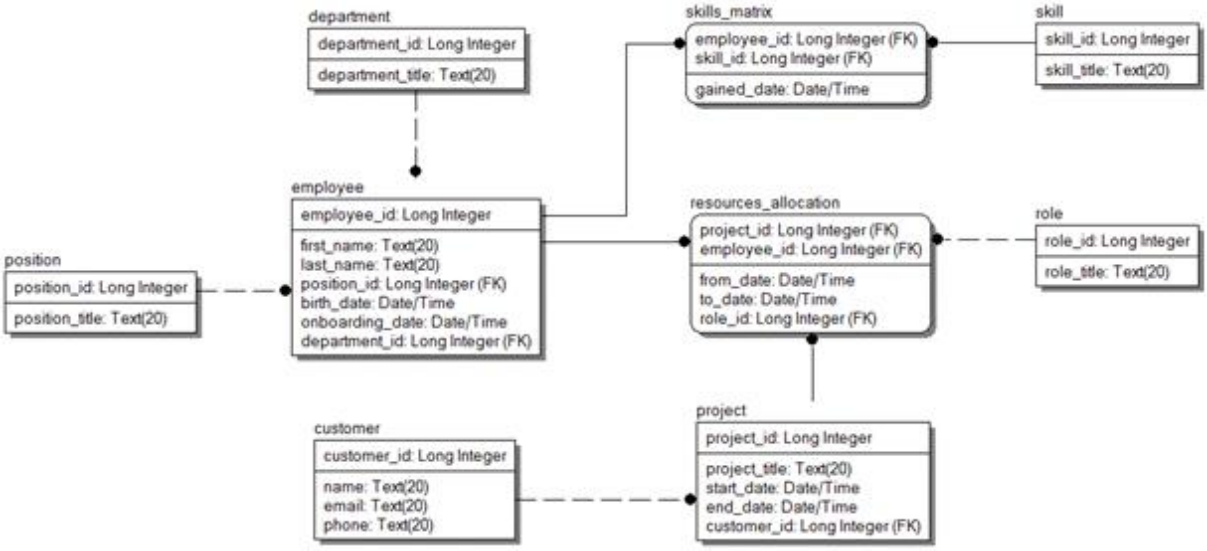


Write the following SQL query:

13. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the “Sales” department and older than 35. Sort employees by age in reverse order.

FN: _____ Group: _____

Date: _____

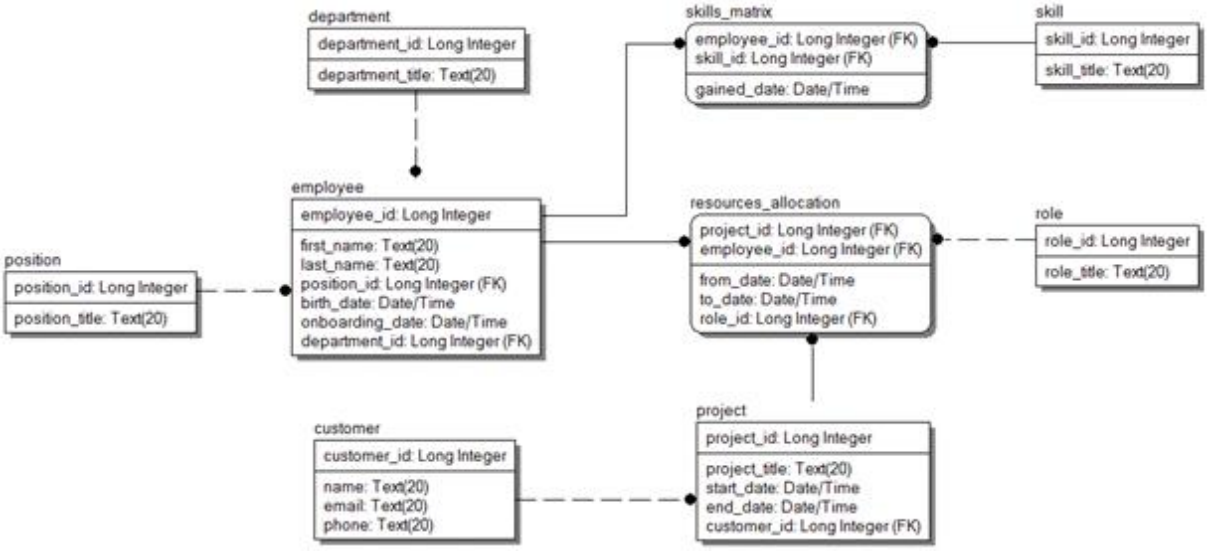


Write the following SQL query:

14. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the department “Business Analysis” since 2013. Sort employees by last name.

FN: _____ Group: _____

Date: _____

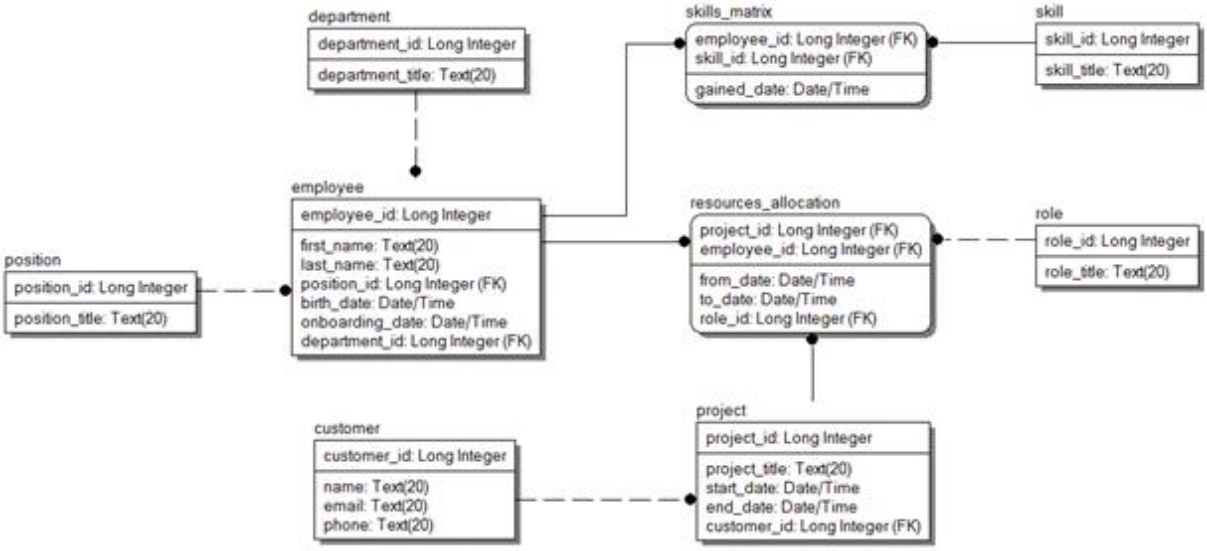


Write the following SQL query:

15. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work in the department “QA” since 2015. Sort employees by onboarding date.

FN: _____ Group: _____

Date: _____

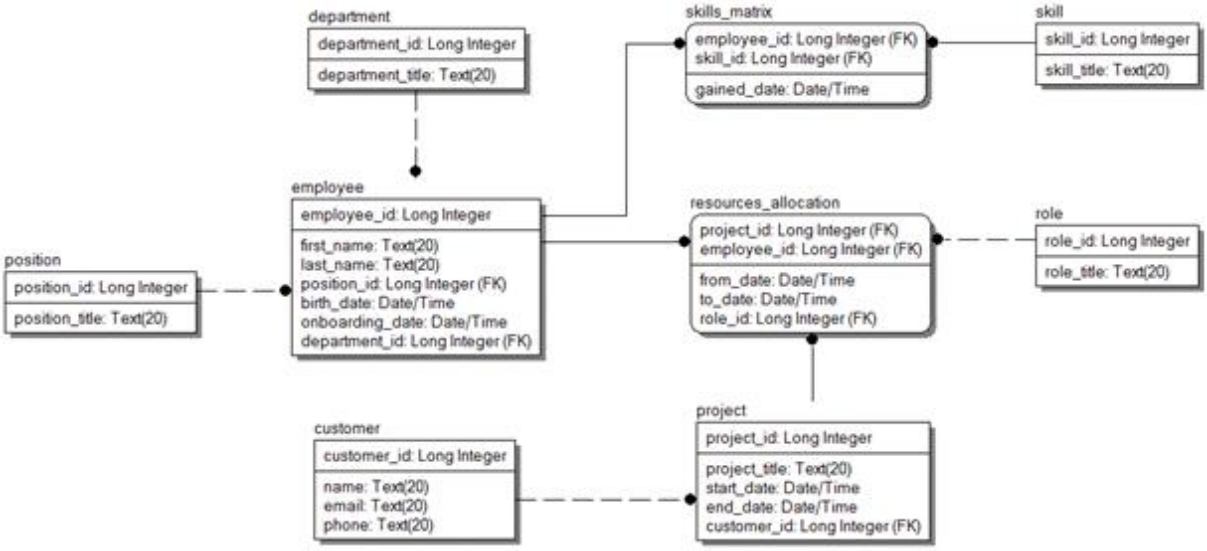


Write the following SQL query:

16. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position “Jr. SW Engineer” over a year. Sort employees by name.

FN: _____ Group: _____

Date: _____

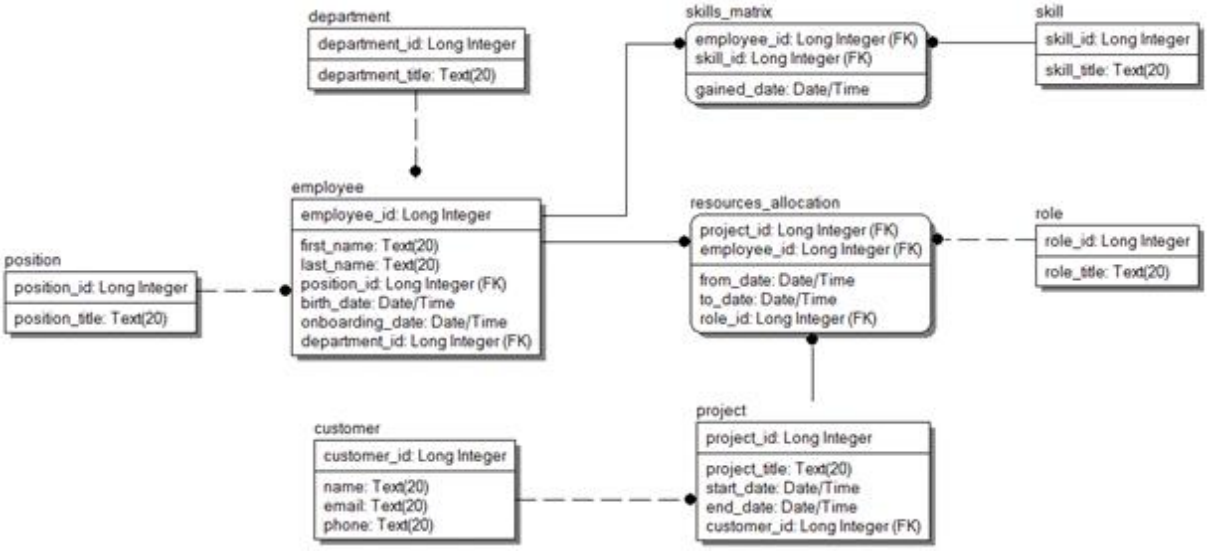


Write the following SQL query:

17. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position “QA Engineer” over 3 years. Sort employees by work experience in reverse order.

FN: _____ Group: _____

Date: _____

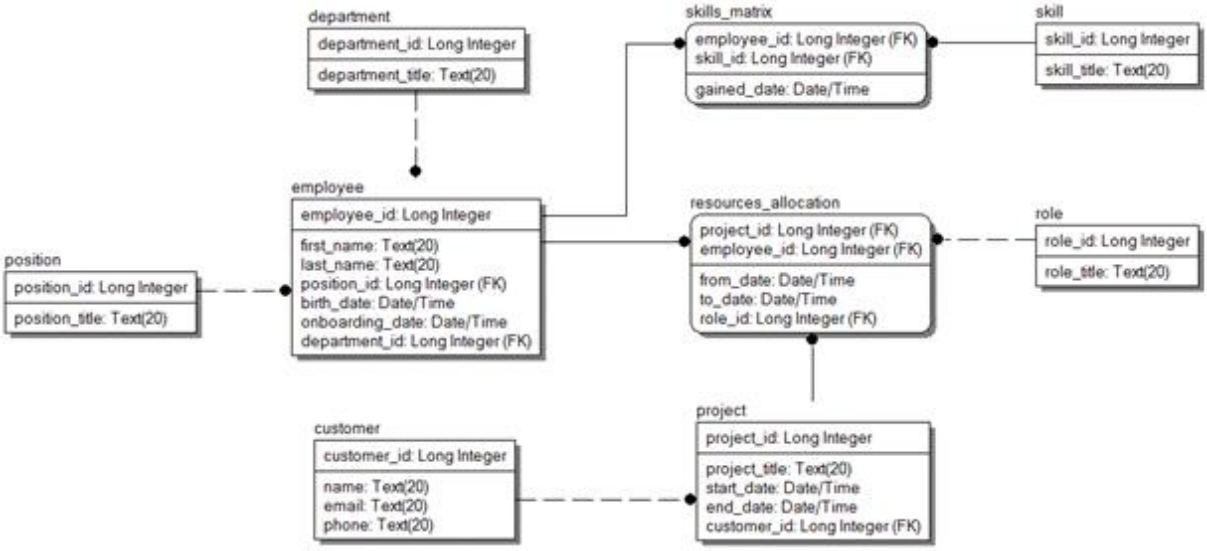


Write the following SQL query:

18. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position “Sr. SW Engineer” over 5 years. Sort employees by work experience.

FN: _____ Group: _____

Date: _____

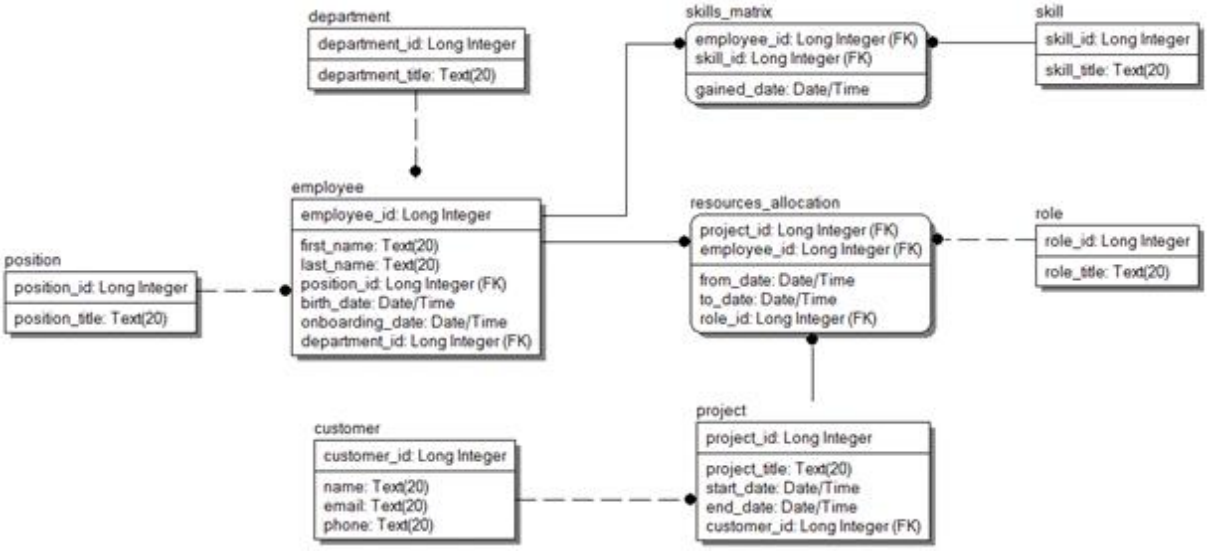


Write the following SQL query:

19. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position "BA Specialist" over 2 years. Sort employees by work experience in reverse order.

FN: _____ Group: _____

Date: _____

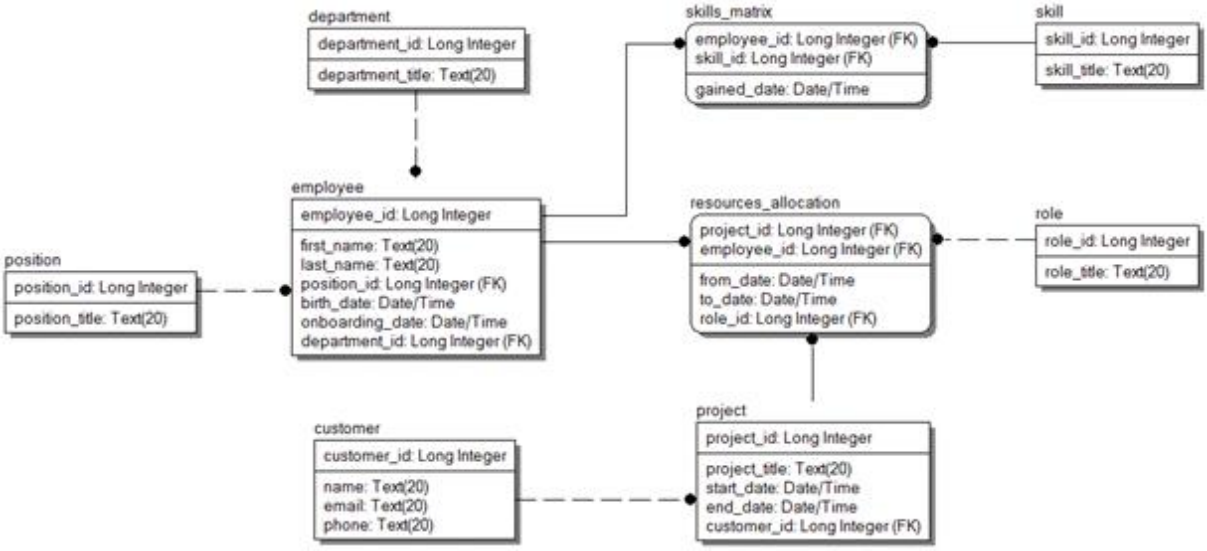


Write the following SQL query:

20. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position “PM Specialist” over 5 years. Sort employees by age in reverse order.

FN: _____ Group: _____

Date: _____

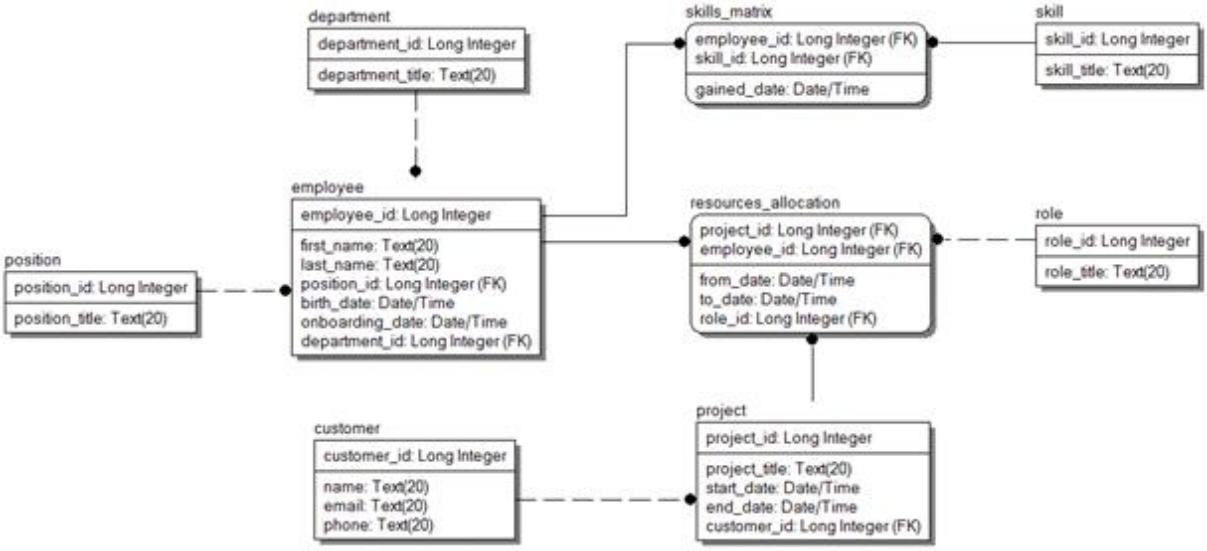


Write the following SQL query:

21. Make a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, and work experience) which work on the position “IT Engineer” over a year. Sort employees by last name.

FN: _____ Group: _____

Date: _____

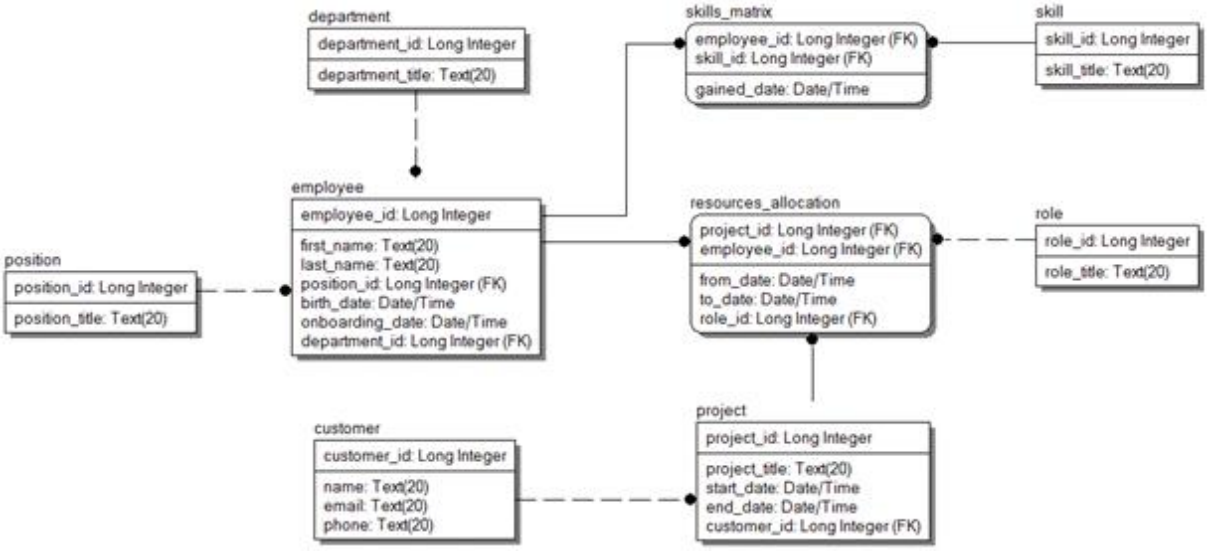


Write the following SQL query:

22. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project as the "Team Lead". Sort employees by name.

FN: _____ Group: _____

Date: _____

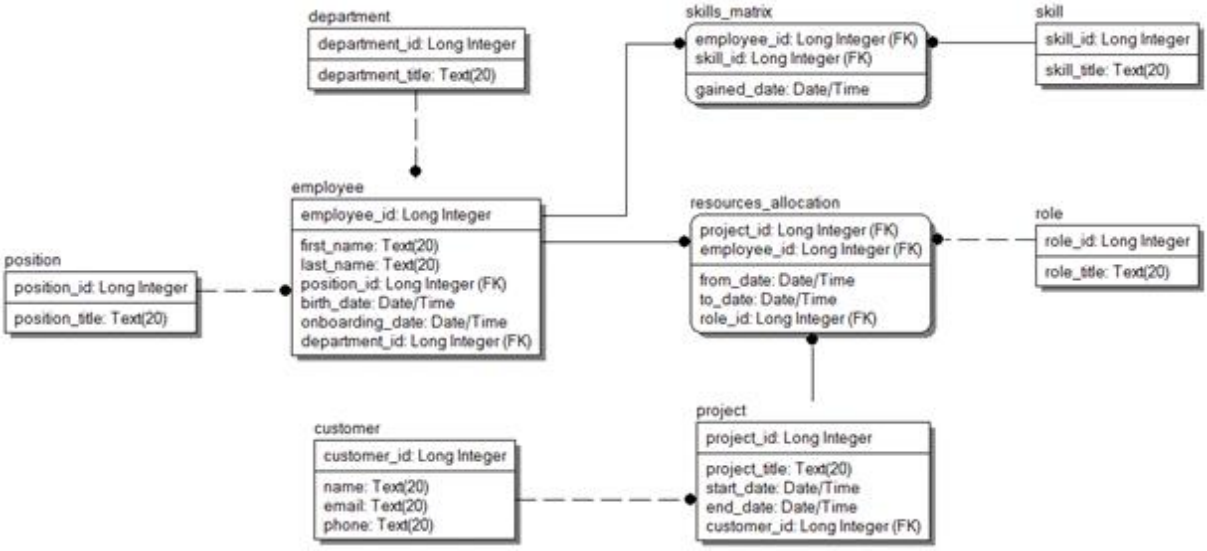


Write the following SQL query:

23. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project as the "Developer". Sort employees by duration of participation.

FN: _____ Group: _____

Date: _____

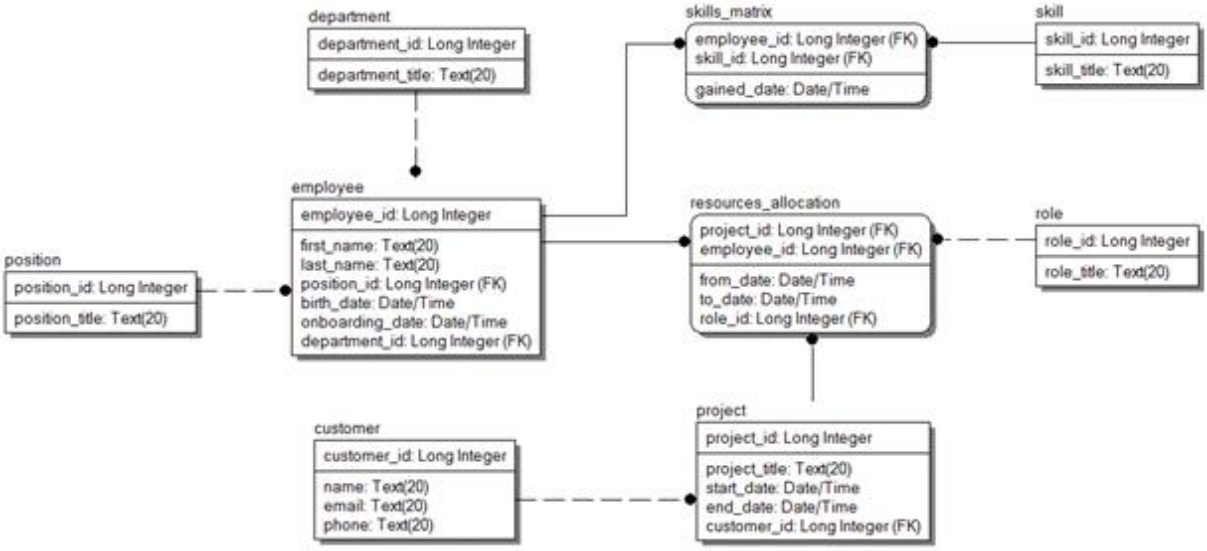


Write the following SQL query:

24. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project as the "Manual Tester". Sort employees by duration of participation in reverse order.

FN: _____ Group: _____

Date: _____

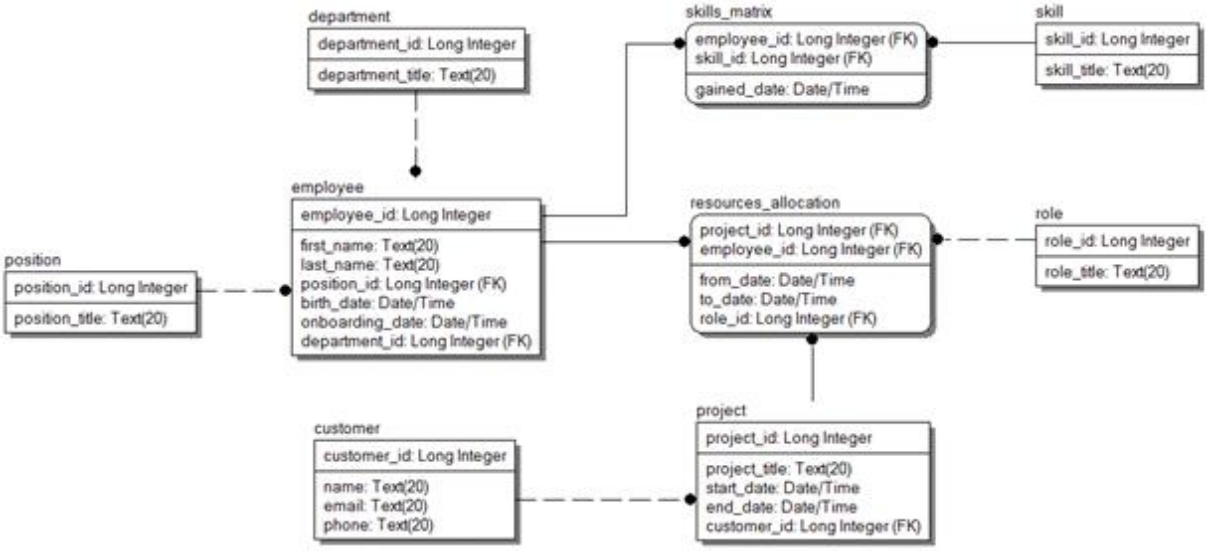


Write the following SQL query:

25. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the “ABS Automation” project as the “Automation Tester”. Sort employees by duration of participation.

FN: _____ Group: _____

Date: _____

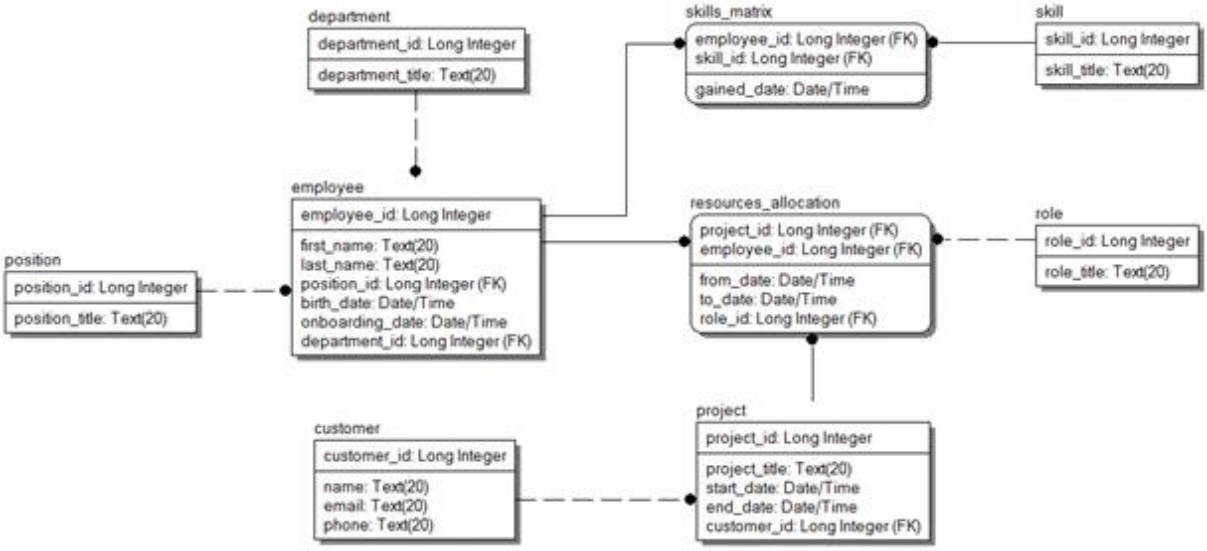


Write the following SQL query:

26. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the “ABS Automation” project as the “DevOps Engineer”. Sort employees by duration of participation in reverse order.

FN: _____ Group: _____

Date: _____

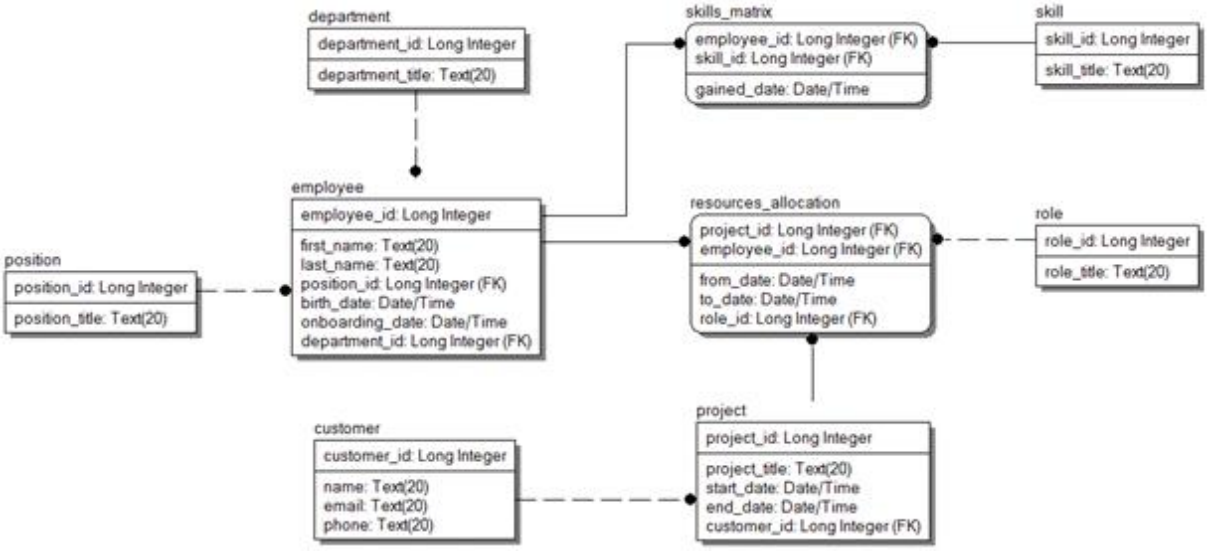


Write the following SQL query:

27. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project since 2014. Sort employees by date of beginning.

FN: _____ Group: _____

Date: _____

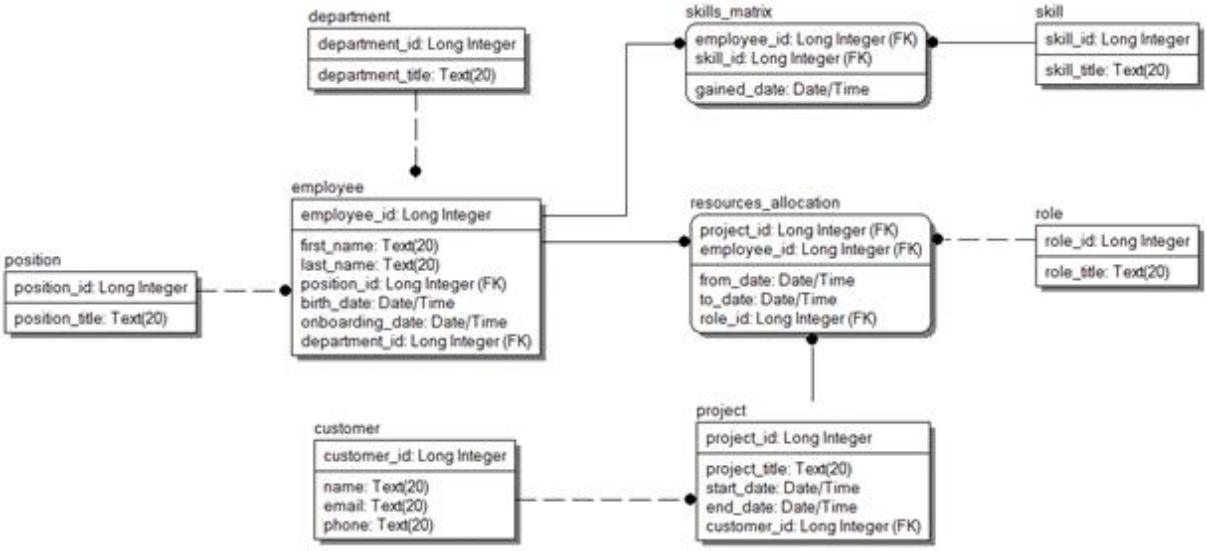


Write the following SQL query:

28. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project since 2013. Sort employees by date of beginning in reverse order.

FN: _____ Group: _____

Date: _____

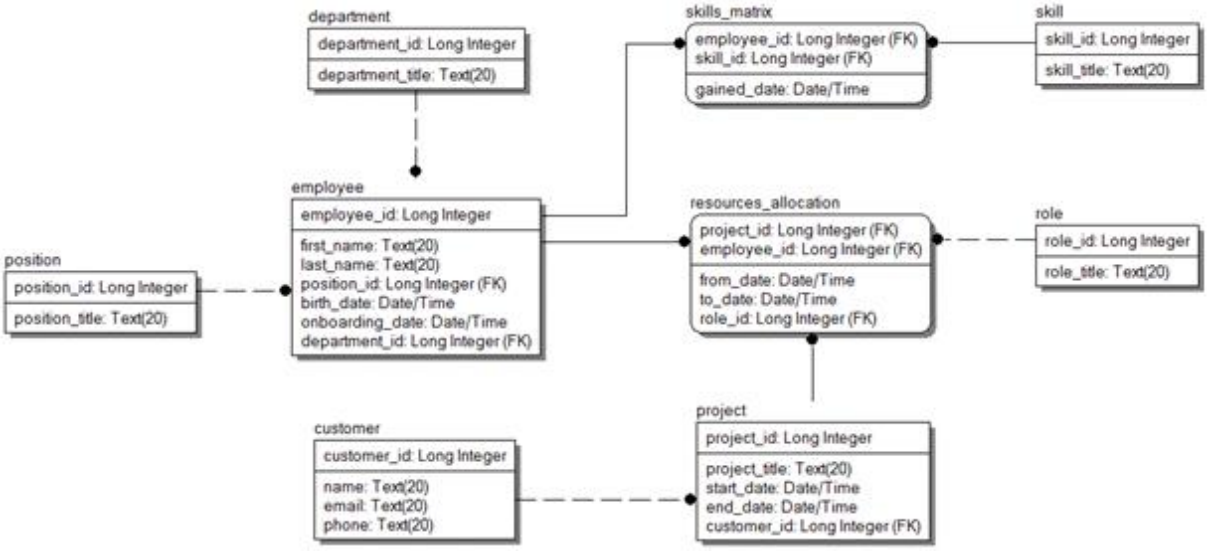


Write the following SQL query:

29. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project since 2015. Sort employees by date of ending.

FN: _____ Group: _____

Date: _____

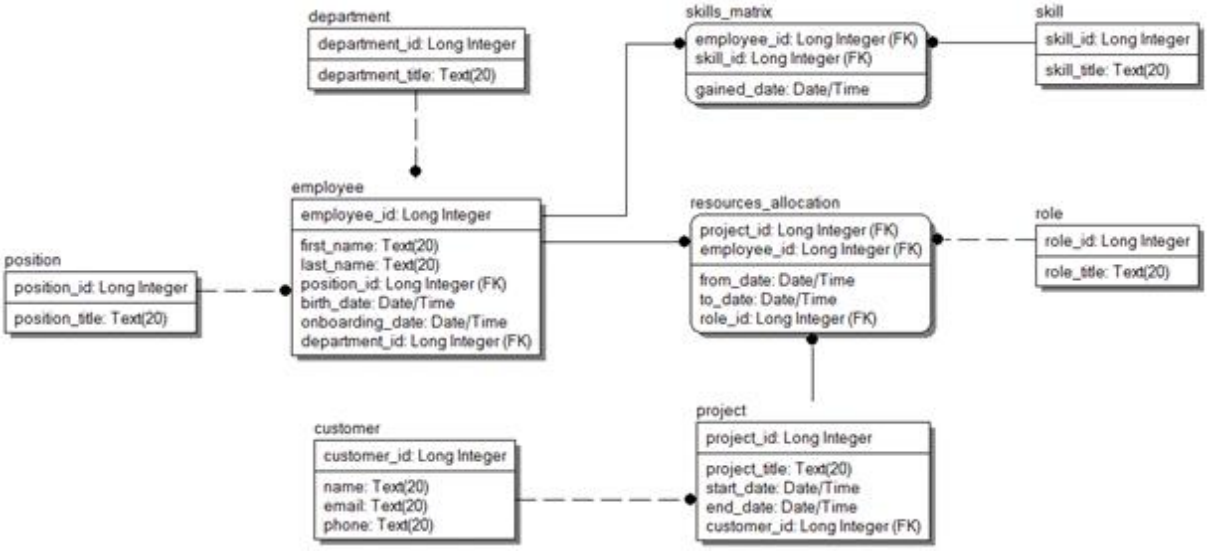


Write the following SQL query:

30. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which were participated in the "ABS Automation" project until 2014. Sort employees by date of ending in reverse order.

FN: _____ Group: _____

Date: _____

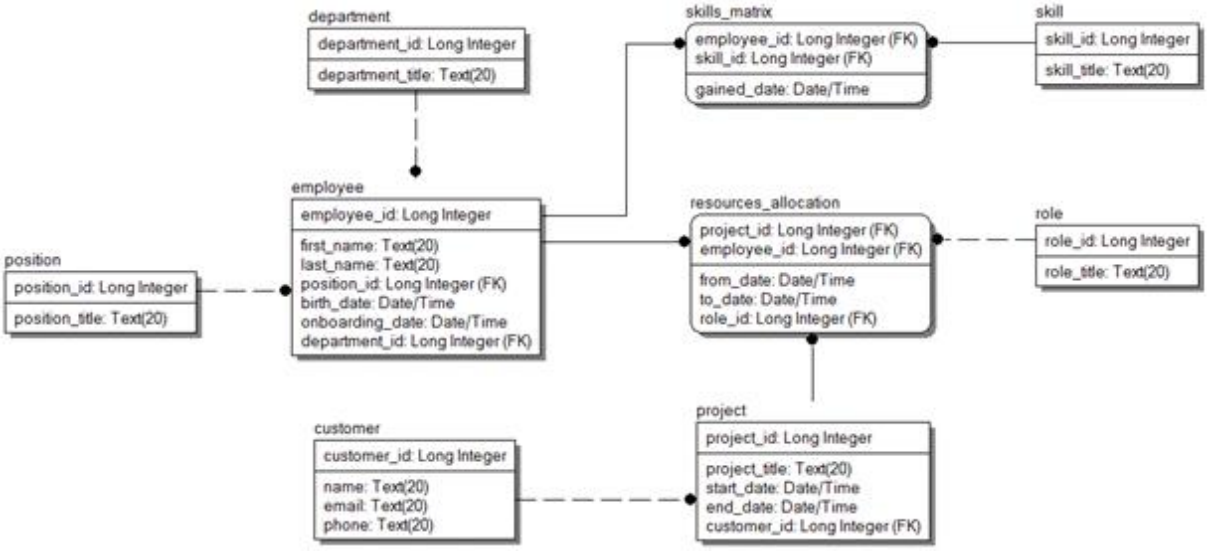


Write the following SQL query:

31. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which were participated in the "ABS Automation" project until 2015. Sort employees by date of beginning.

FN: _____ Group: _____

Date: _____

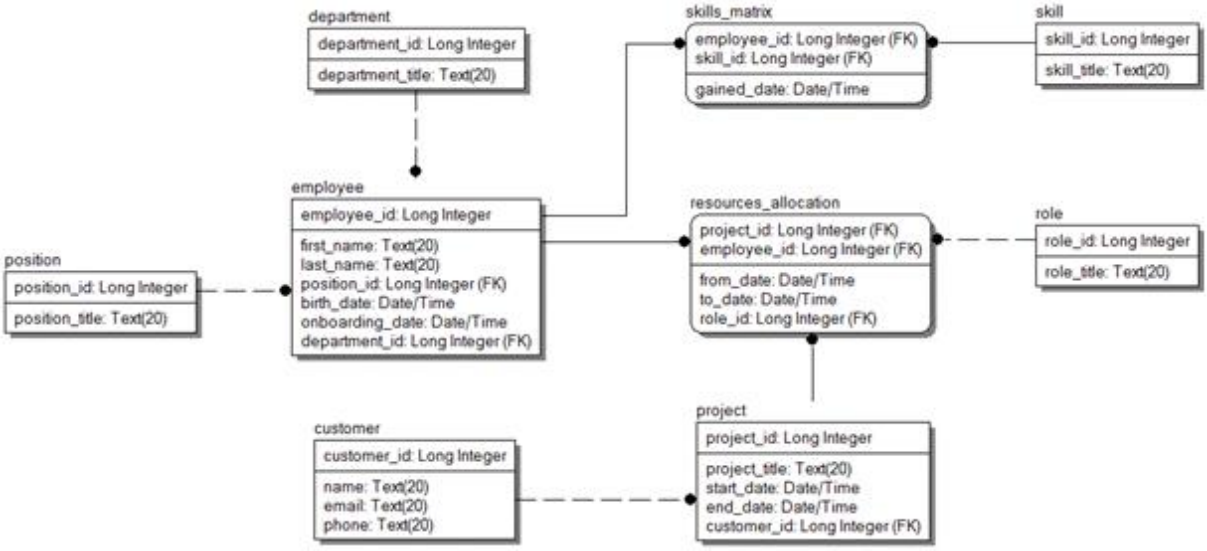


Write the following SQL query:

32. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" project over a year. Sort employees by date of beginning in reverse order.

FN: _____ Group: _____

Date: _____

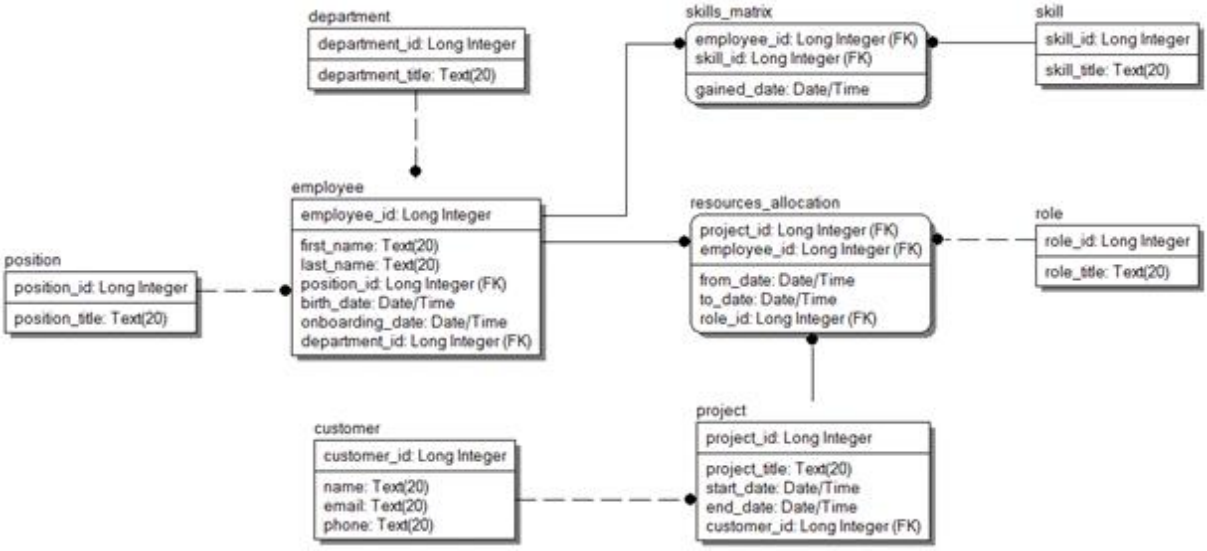


Write the following SQL query:

33. Make a list of employees (last name, first name, title of department, title of position, project, role, from date, to date, and duration of participation) which participate in the "ABS Automation" lest than 1 year. Sort employees by duration of participation.

FN: _____ Group: _____

Date: _____

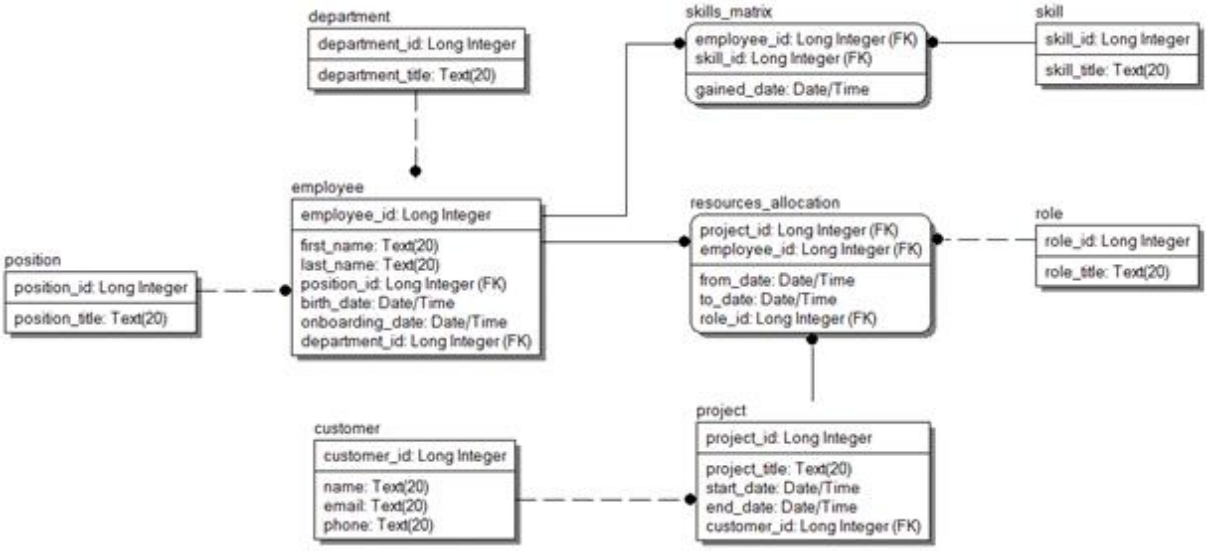


Write the following SQL query:

34. Define the number of employees participated in the “Anywhere-Anything Group” project in 2014 as the “Developer” (project, role, number of employees, year).

FN: _____ Group: _____

Date: _____

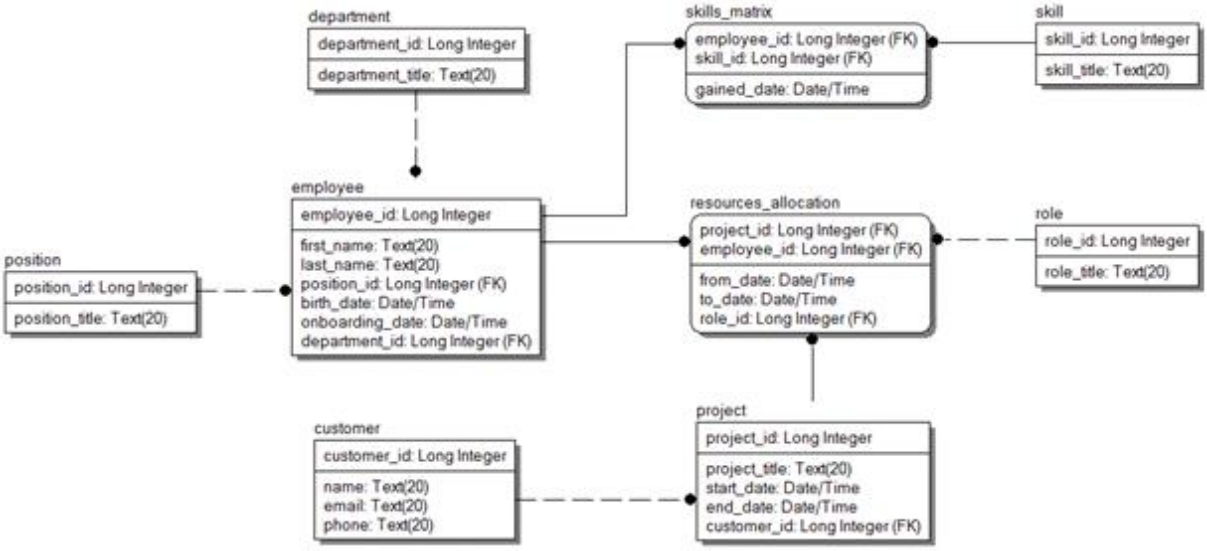


Write the following SQL query:

35. Define the number of employees participated in the “Anywhere-Anything Group” project in 2015 as the “Manual Tester” (project, role, number of employees, year).

FN: _____ Group: _____

Date: _____

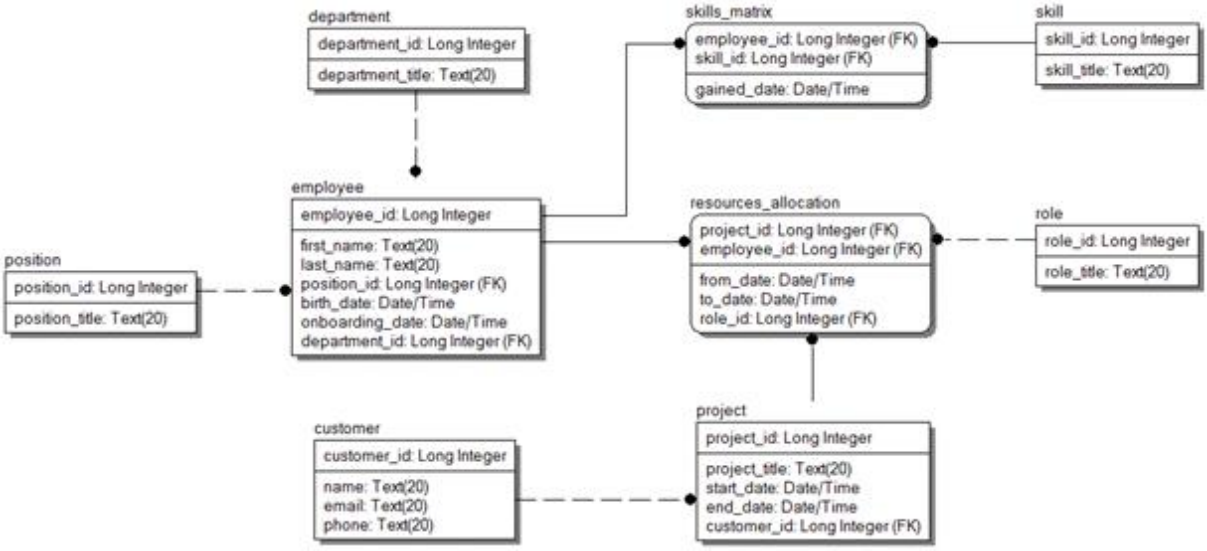


Write the following SQL query:

36. Define the number of employees participated in the “Anywhere-Anything Group” project in 2014 as the “DevOps Engineer” (project, role, number of employees, year).

FN: _____ Group: _____

Date: _____

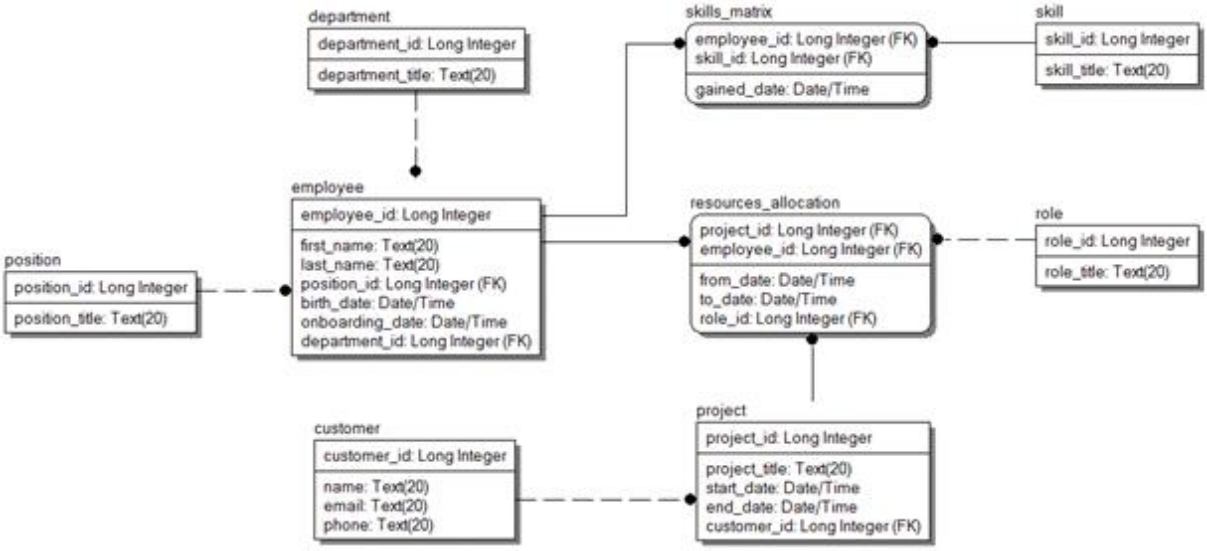


Write the following SQL query:

37. Define the number of employees participated in the "Anywhere-Anything Group" project in 2011 as the "Business Analyst" (project, role, number of employees, year).

FN: _____ Group: _____

Date: _____

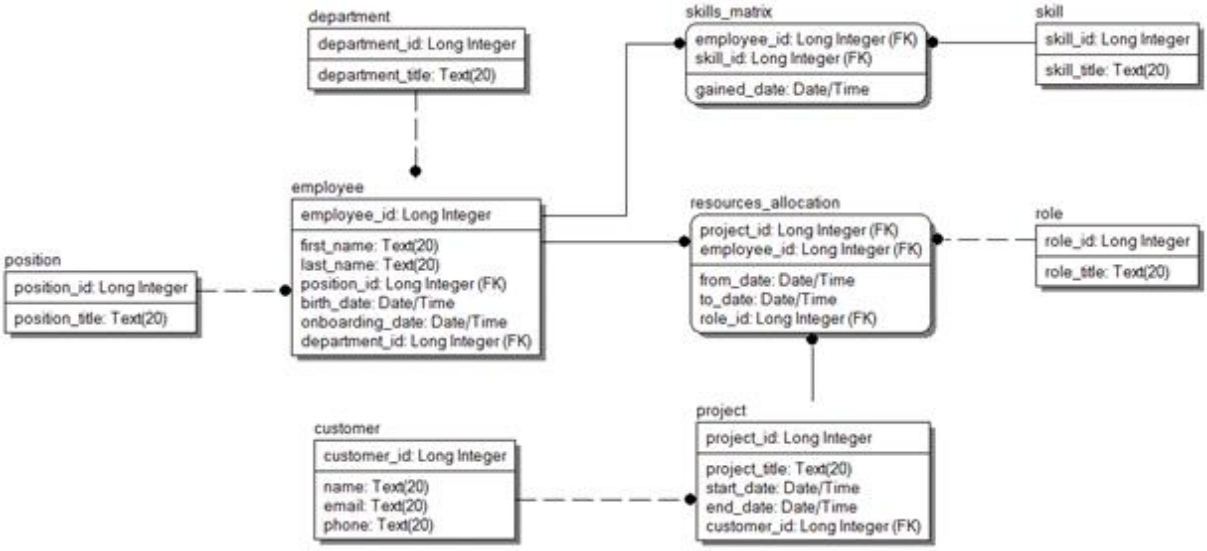


Write the following SQL query:

38. Define projects which required more than 500 people-days of work (project, amount of people-days). Sort projects in alphabet order.

FN: _____ Group: _____

Date: _____

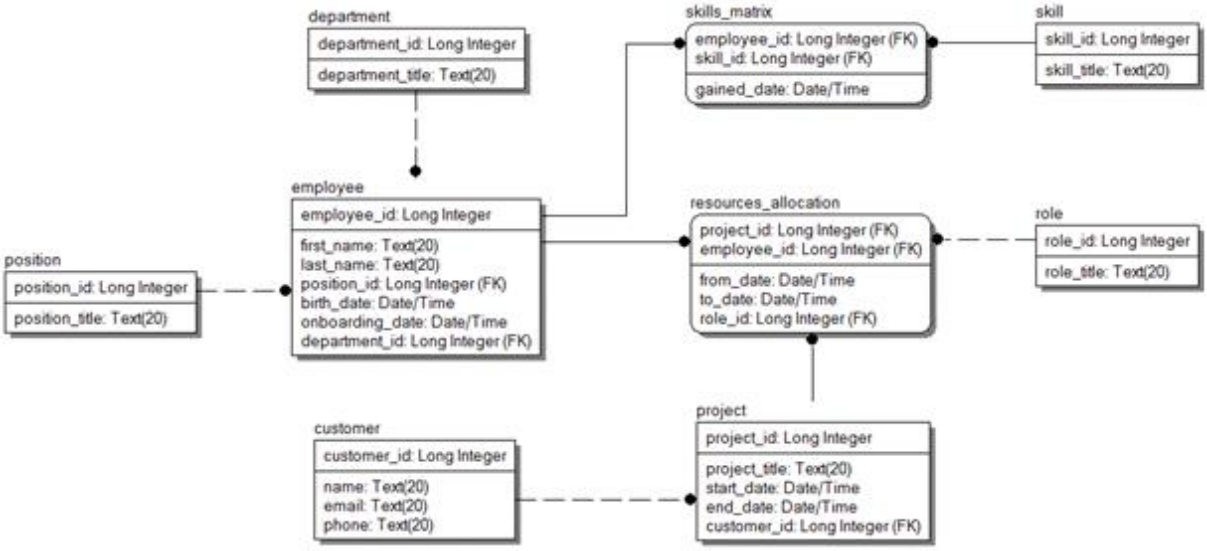


Write the following SQL query:

39. Define projects which required more than 1000 people-days of work (project, amount of people-days). Sort projects in reverse alphabet order.

FN: _____ Group: _____

Date: _____

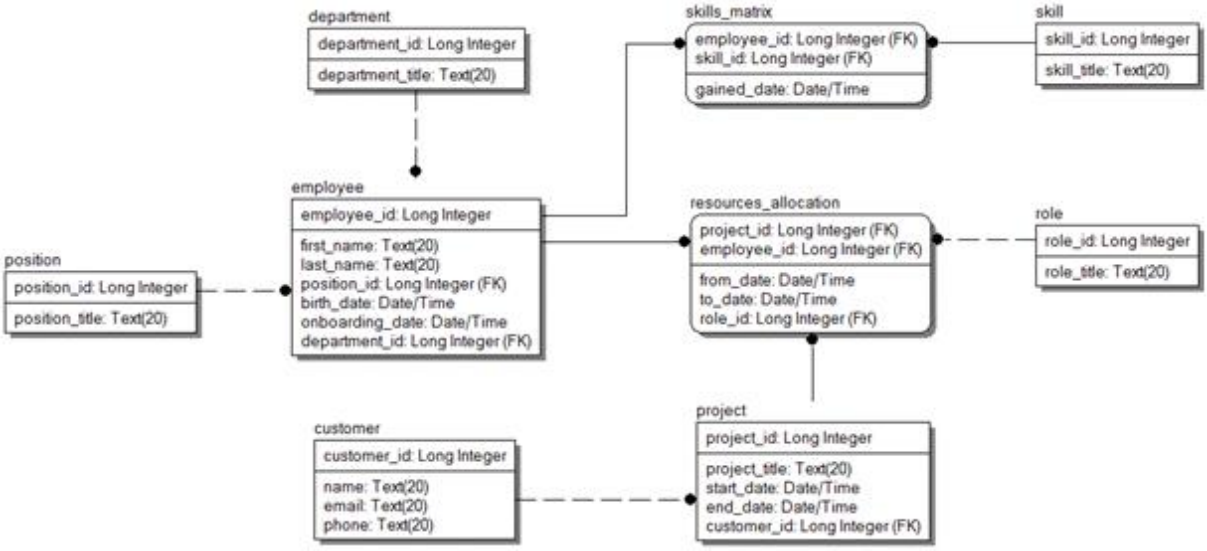


Write the following SQL query:

40. Define projects which required less than 500 people-days of work (project, amount of people-days). Sort projects in alphabet order.

FN: _____ Group: _____

Date: _____

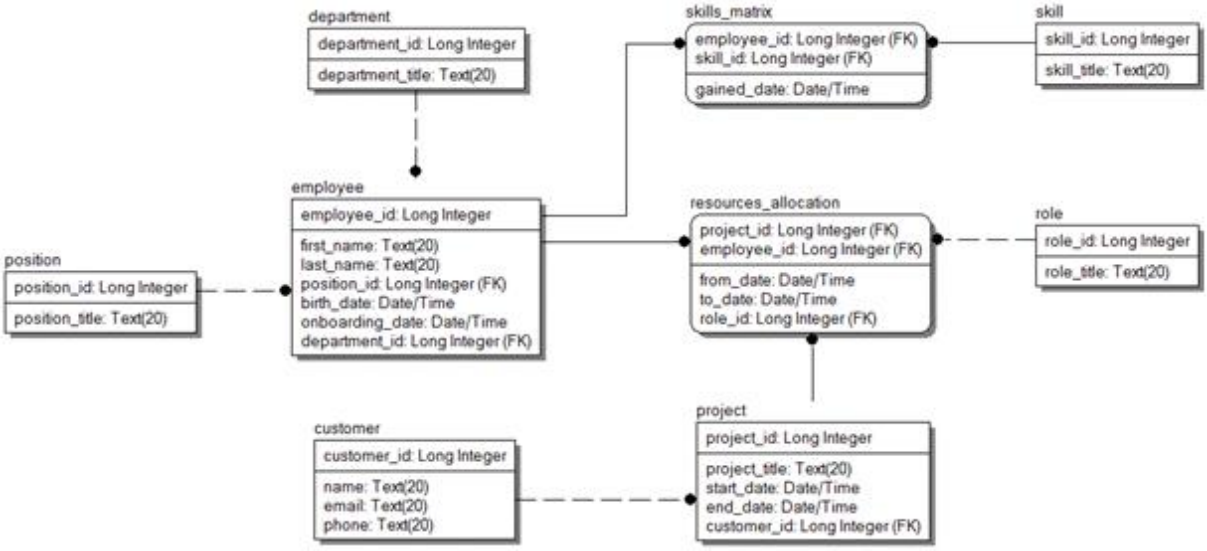


Write the following SQL query:

41. Define months in which more than 5 employees celebrate their birthdays (month, number of birthdays). Sort months by number of birthdays.

FN: _____ Group: _____

Date: _____

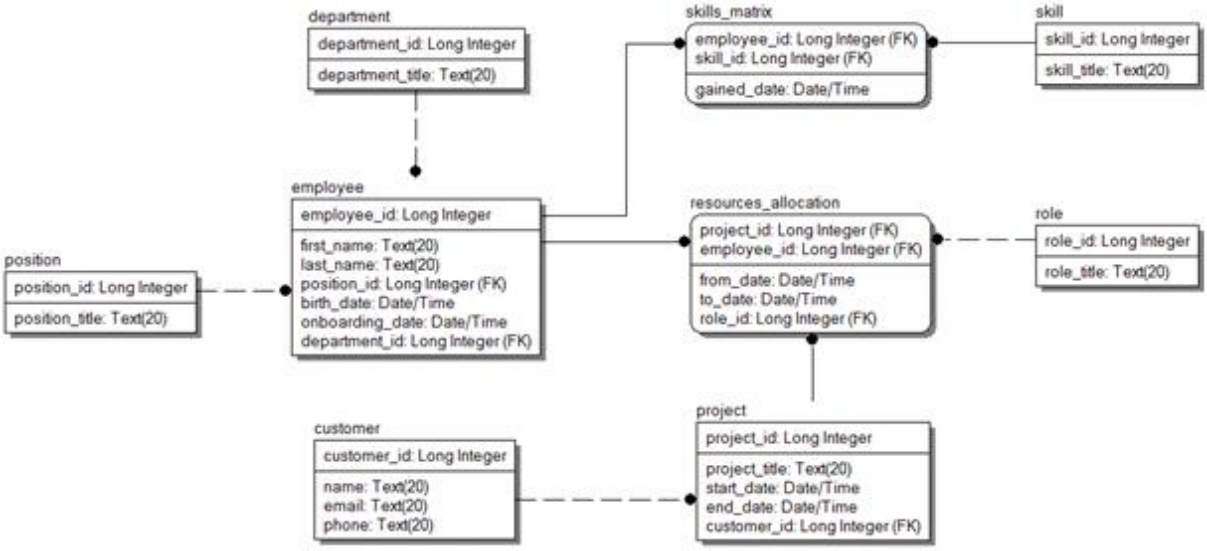


Write the following SQL query:

42. Define months in which no employees celebrate their birthdays (month, number of birthdays). Sort months in reverse order.

FN: _____ Group: _____

Date: _____

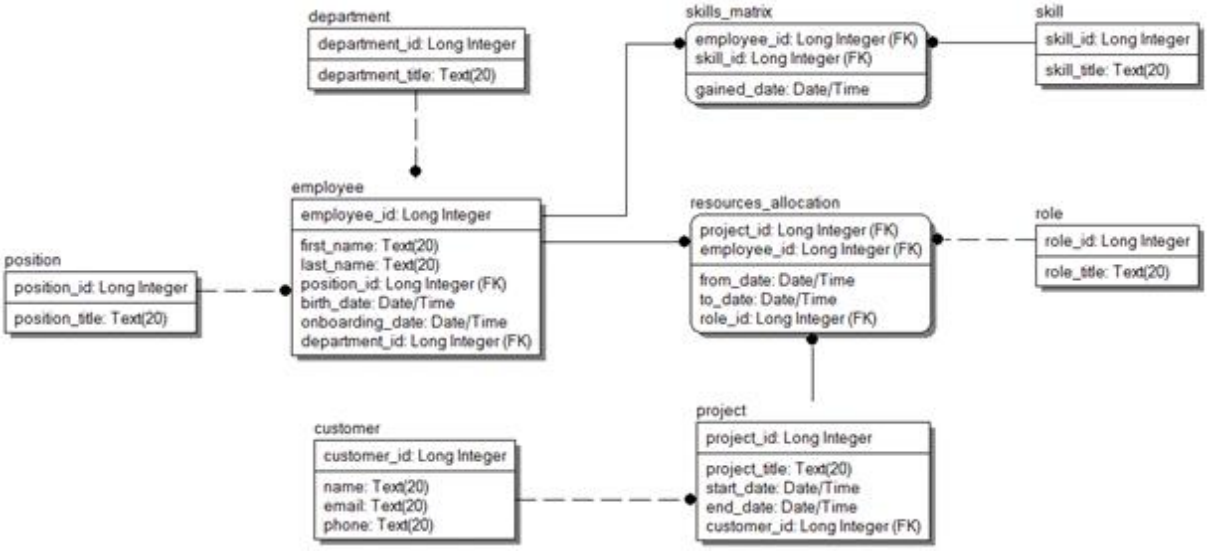


Write the following SQL query:

43. Define the project (project, amount of people-days) which required the maximum amount of people-days of work.

FN: _____ Group: _____

Date: _____

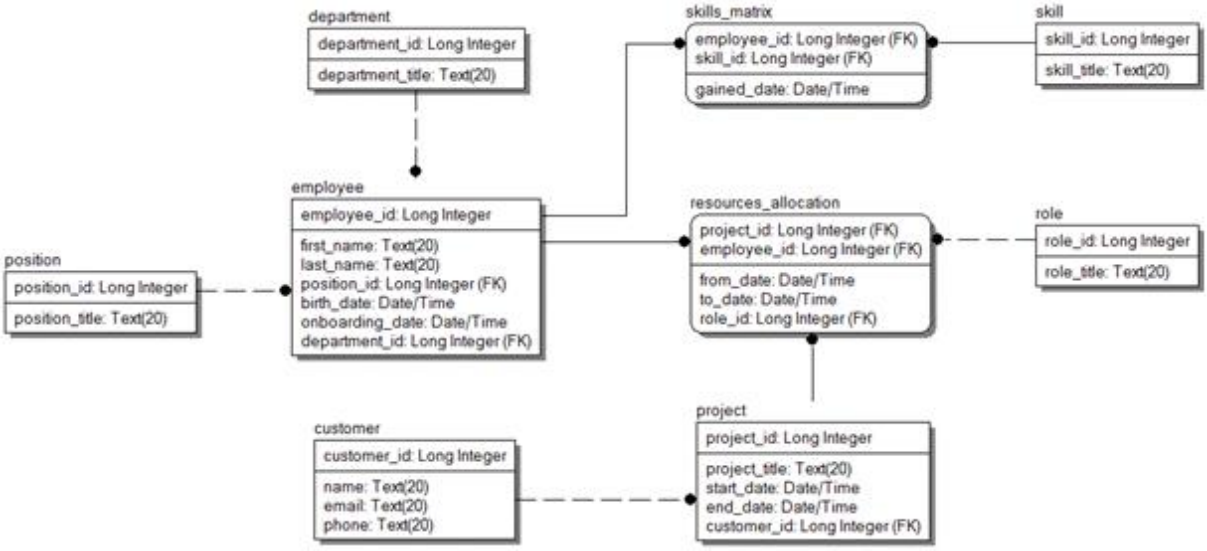


Write the following SQL query:

44. Define the project (project, amount of people-days) which required the minimum amount of people-days of work.

FN: _____ Group: _____

Date: _____

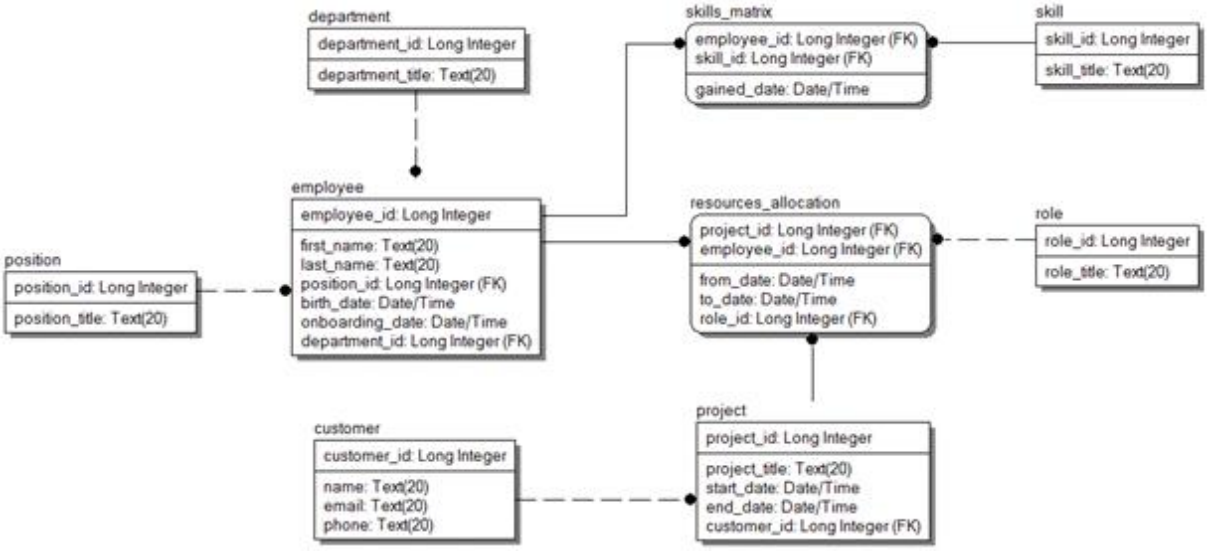


Write the following SQL query:

45. Create a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, work experience, skill, and level of skill) which have the “Java SE” skill at “Intermediate” level. Sort employees by age.

FN: _____ Group: _____

Date: _____

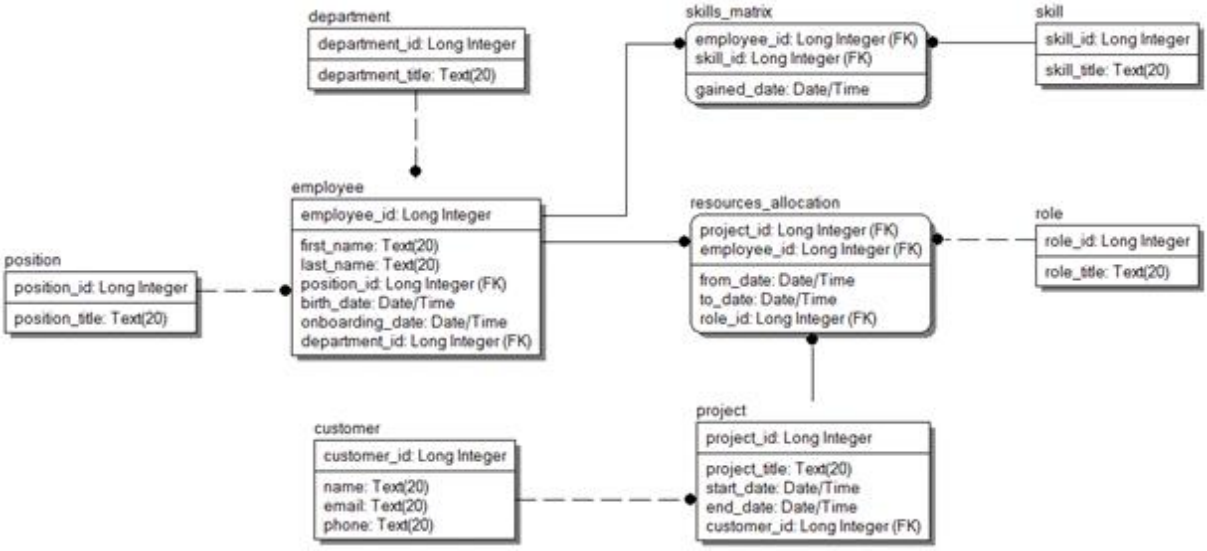


Write the following SQL query:

46. Create a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, work experience, skill, and level of skill) which have the “Java Servlets” skill at “Advanced” level. Sort employees by age in reverse order.

FN: _____ Group: _____

Date: _____

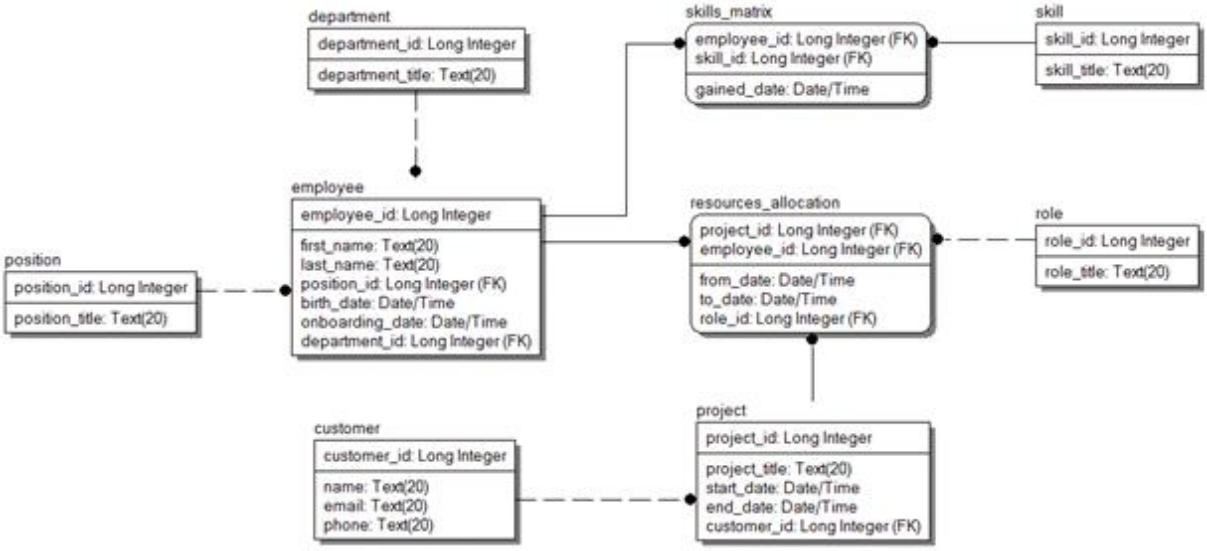


Write the following SQL query:

47. Create a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, work experience, number of skills) which have over 5 skills. Sort employees by number of skills.

FN: _____ Group: _____

Date: _____

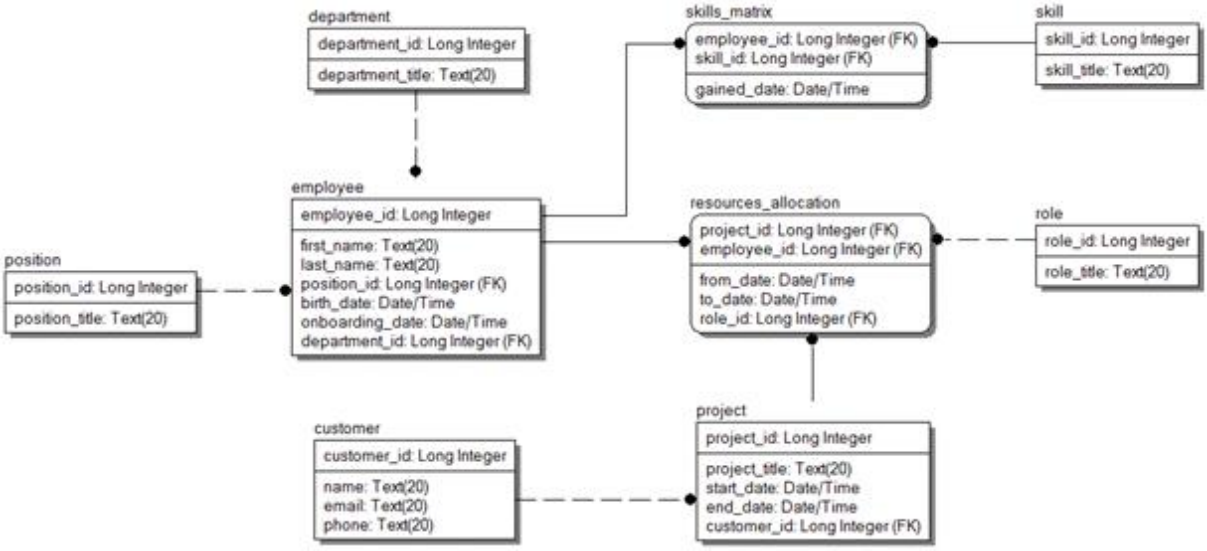


Write the following SQL query:

48. Create a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, work experience, number of skills) which have over 10 skills. Sort employees by number of skills in reverse order.

FN: _____ Group: _____

Date: _____

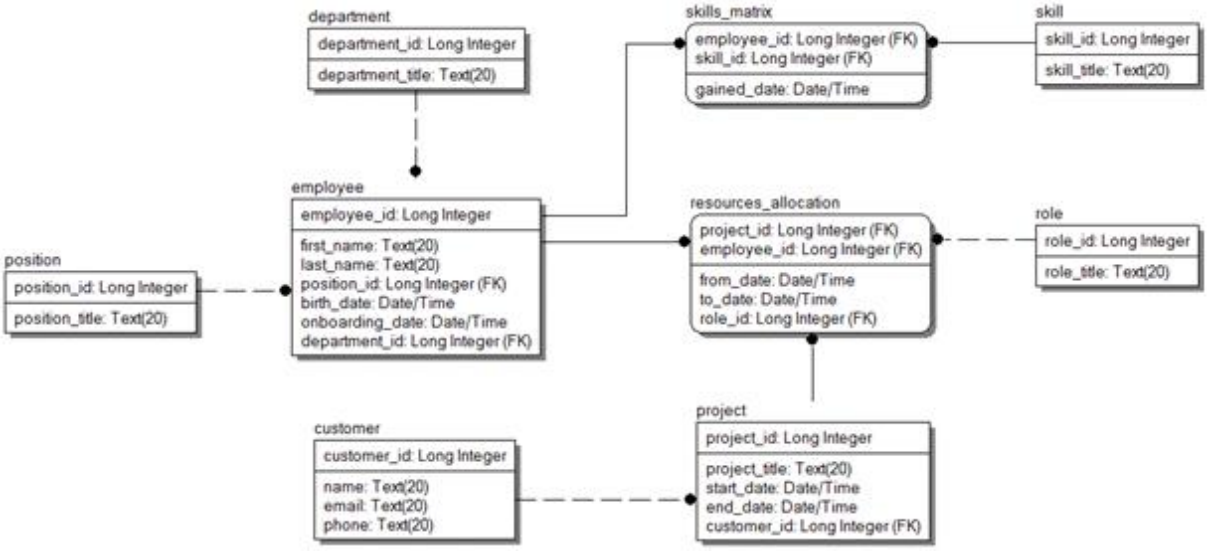


Write the following SQL query:

49. Create a list of employees (last name, first name, date of birth, age, title of department, title of position, onboarding date, work experience, level of skill, number of skills) which have only “Advanced” skills. Sort employees by last name.

FN: _____ Group: _____

Date: _____



Write the following SQL query:

50. Define months in which less than 3 employees celebrate their birthdays (month, number of birthdays). Sort months by number of birthdays in reverse order.