

Database Program 1

Write a Java program using standard JDBC that will print the following report. The report should be a department report listing of each employee and a sub-list of their dependents using the structure of the Company database from the text. Departments should be in department number order with employees in alphabetic order and finally the dependent should be list from youngest to oldest but the spouse is always listed first. Each dependent should be list Child or Spouse, Sex, Birthday, and name separated by tabbed columns. If an employee has no dependents you should print the message "NO DEPENDENTS". The title of the report should be "Department Dependent Report". The report generated should produce a RTF formatted file not a print to the screen.

Program will be graded on accuracy, structure, style and documentation. Appropriate header and structural documentation should be present. If you don't know what appropriate header documentation is I refer you to CSCI 2000. Be sure to document required libraries to run your program. You may not use report generating software or libraries.

Final note, by turning in a program for a grade, you are implicitly stating that you did the entire program individually. I will not tolerate academic plagiarism.

Example report. (Don't assume I will use the database from the book but I will use the structure.)

Department Dependent Report

Headquarters

James E. Borg
NO DEPENDENTS

Administration

Ahmed V. Jabbar
NO DEPENDENTS
Jennifer S. Wallace
Spouse M 1/4/1988 Abner
Alicia J. Zelaya
NO DEPENDENTS

Research

Joyce A. English
NO DEPENDENTS
Ramesh K. Narayan
NO DEPENDENTS
John B. Smith
Spouse F 5/5/1967 Elizabeth
Child F 12/30/1988 Alice
Child M 1/4/1988 Michael
Franklin T. Wong
Spouse F 5/3/1958 Joy
Child F 4/5/1986 Alice
Child M 10/25/1983 Theodore