(1) A company database needs to store information about employees (identified by ssn, with

salary and phone as attributes); departments (identified by dno, with dname and budget as

attributes); and children of employees (with name and age as attributes). Employees work in

departments; each department is managed by an employee; a child must be identified

uniquely by name when the parent (who is an employee; assume that only one parent works

for the company) is known. We are not interested in information about a child once the parent

leaves the company. Draw an ER diagram that captures this information. Indicate the

primary keys and foreign keys.

(2)