MACHINE
    BusinessSystem
INCLUDES
    Employee, Company
PROMOTES
    createCompany, getCompanyName, setCompanyName,
    createEmployee, deleteEmployee,
    getEmployeeId, getEmployeeName, getEmployeeSalary, getEmployeeStudies,
getEmployeeEmployer,
    setEmployeeName, setEmployeeSalary, setEmployeeStudies, setEmployeeEmployer
OPERATIONS

    deleteCompany**(**companyValue**) =**
    PRE companyValue $\in$ companies
    THEN
        removeCompany**(**companyValue**)** ||
        removeAllEmployeesFromCompany**(**companyValue**)**
    END

END