1. The 'pepartment' is already in the 3rd normalized form. It passes the 1st normalization because it has atomic valued for columns, all column have unique rates names.

As it also has no partial dependency, like department\_name, Manager\_id, Location\_id all three department\_name, Manager\_id, Location\_id all three dependence on primary key bepartment\_id, it passes and nonmuliZation form.

on contar contrary, the table has no transitive dependency as every column depende only on one one key. That's why it passes the third normalization form.