

ASSIGNMENT#04

Due date: December 14, 2020

NOTE: Late submission is not acceptable

Question: 01

Examine the table **BranchManager** given below

BranchManager

<i>branchNo</i>	<i>branchAddress</i>	<i>telNo</i>	<i>mgrStaffNo</i>	<i>name</i>
B001	8 Jefferson Way, Portland, OR 97201	503-555-3618	S1500	Tom Daniels
B002	City Center Plaza, Seattle, WA 98122	206-555-6756	S0010	Mary Martinez
B003	14 – 8th Avenue, New York, NY 10012	212-371-3000	S0145	Art Peters
B004	16 – 14th Avenue, Seattle, WA 98128	206-555-3131	S2250	Sally Stern

Tasks:

- (a) Why the given table **BranchManager** is not in 3NF? Give the reason.
- (b) Describe and illustrate the process of normalizing the data shown in **BranchManager** table into 1NF, 2NF, 3NF, BCNF, 4NF and 5NF.
- (c) Identify the primary and foreign keys in each step (Normal forms).

Best of luck