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Lab 9

1.)Functional Dependencies

People Table

PID -> firstName, lastName, streetAddress, zip, phone

Zip Table

Zip -> city, state

Players Table

PlayerID -> TID

Coaches Table

CID -> numYears

Head Coach Table

HCID

Assistant Coach Table

ACID

Assists Table

(TID, ACID)

Team Table

TID -> name

10 and Under Table

TID -> HCID

10 to 14 Table

TID -> HCID

14 and Up Table

TID -> HCID

3.) My tables are in 3NF because it is in 2NF and all nonprimary fields are dependent on the primary key. Also, it is in Boyce-Codd NF because in every table, every determinant is a candidate key and there are no interior transitive dependencies within the same table.