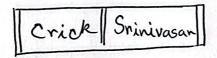
Quiz-2 (1)

Insertion: Crick, Srinivasan, Katz, Brandt,
Kim, Wu, Singh, El Said, Califieri, Mozart,
Einstein, Gold
Bt free

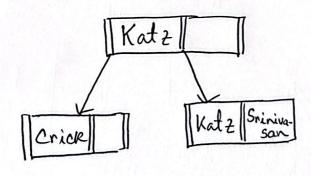
insert Crick:

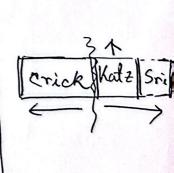


insert Srinivasan:

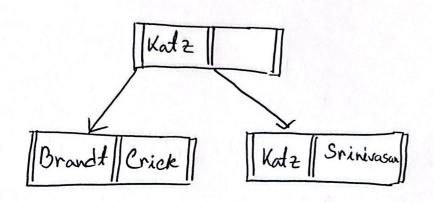


insent Katz:

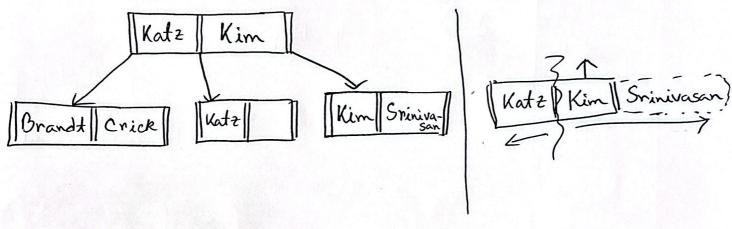




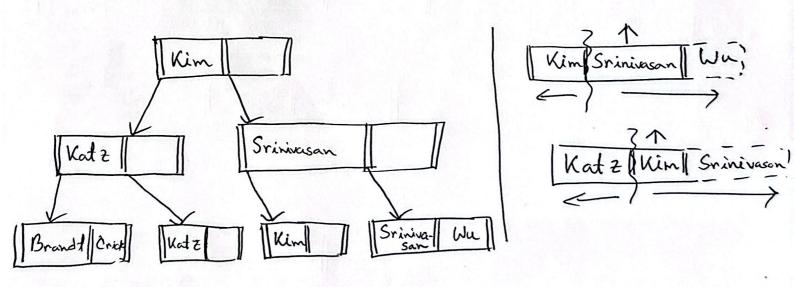
insert Brandt:



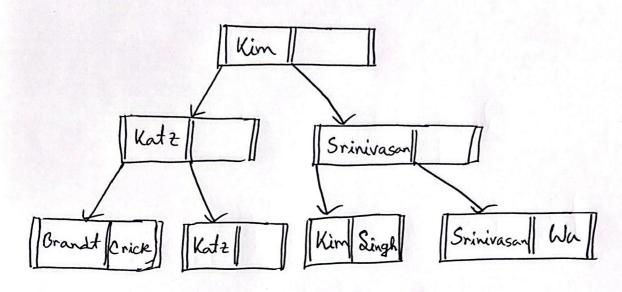
insert Kim ;



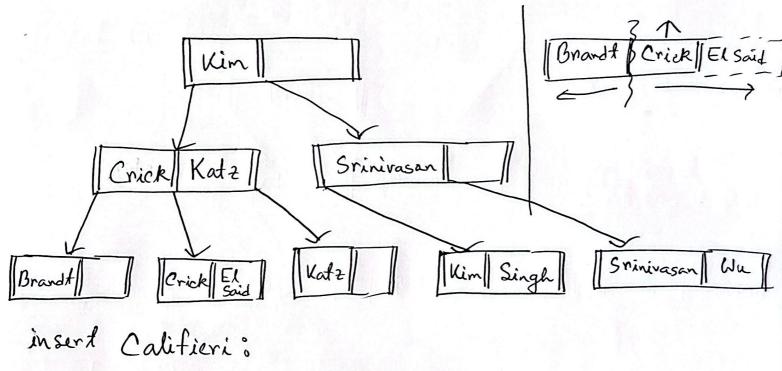
Insert Wu:

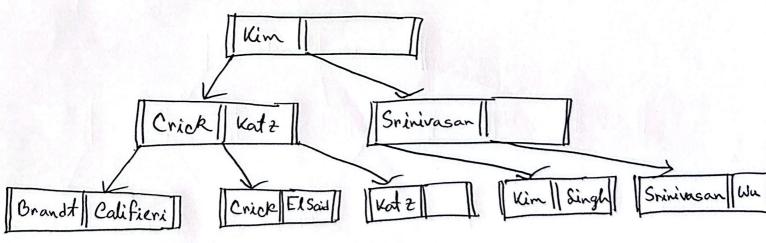


Insent Singh:



insent El Said;

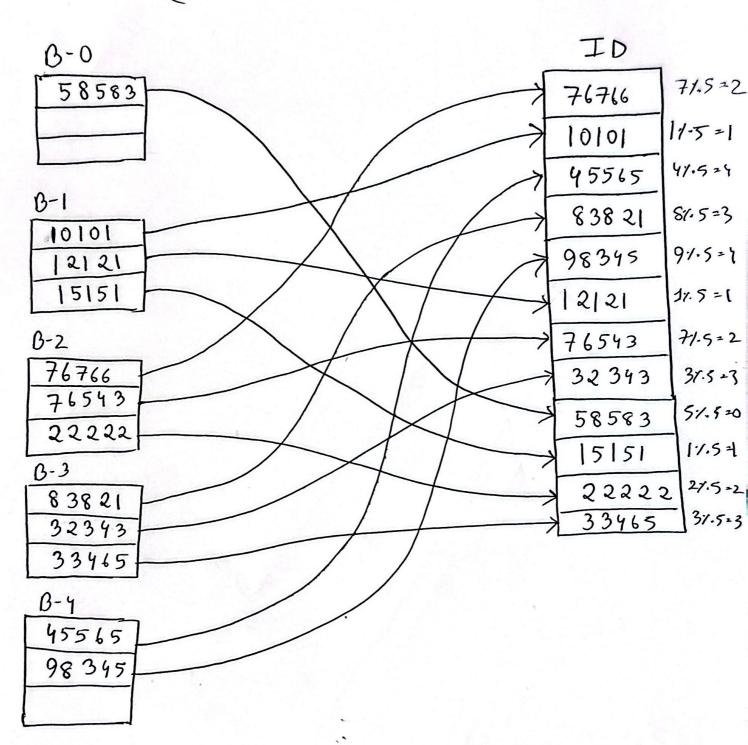




Insert Mozart: Kim | Mozart | Single Crick Kat t Mozart Sings Srinivasan Whi Brandt Califieri | Crick | El Said | Katz | Insert Einstein: Cnick | Einsten | Elsaid | Crick Notart Srini Crick & Einsten (vate) Katz Kin Insert Gold: Mozart Srivi Vasan Elsail Katz Crick FLSnid Kall Hotel Brandf Califier Crick The Einstein

(2)

h = (first digit of ID) % 545



Quiz - 3

Answer of Austion 1

(A)

It is in INF because there is no composite, multivalued attributes or nested relationship in this schema.

(B)

It is not in 2NF because there is partial dependency on primary key due to FD1.

Recomposing 2NF:

Book-Copy1 (Book-id, Book-little, Genre, Author-id, Author-name,
Autor-details)

Book-copy? (Bobk-id, Copy-no, Binding-type, Year, Total-page-no, Price)

It is not in 3NF because there is transitive dependency due to FD2 and FD3.

Decomposing 3NF:

Book-Copy 1 (Book id, Genre, Author-id, Book-title)

Author_info (Author_id, Author_name, Author_details)

Book-Copy 2 (Book-id, Copy-no, Birding-type, Year, Total-page-no)

Book-Copy 3 (Total-page-no, Binding-type, price)