Tree diagram:

- McPherson
  - Edwards
    - Cao
    - Hamada
      - Ellis
  - Sullivan
    - Nikolipolous
    - Tilevich
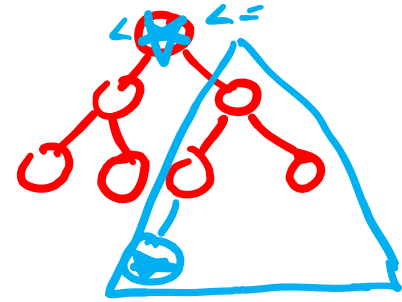
insert (Ellis, McPherson node)

Ellis, null
Ellis, Hamada node
Ellis, Edwards node

McPherson

Edwards

Sullivan

Rao

Hamouda

nikolypoulos

Tikuch

Ellis
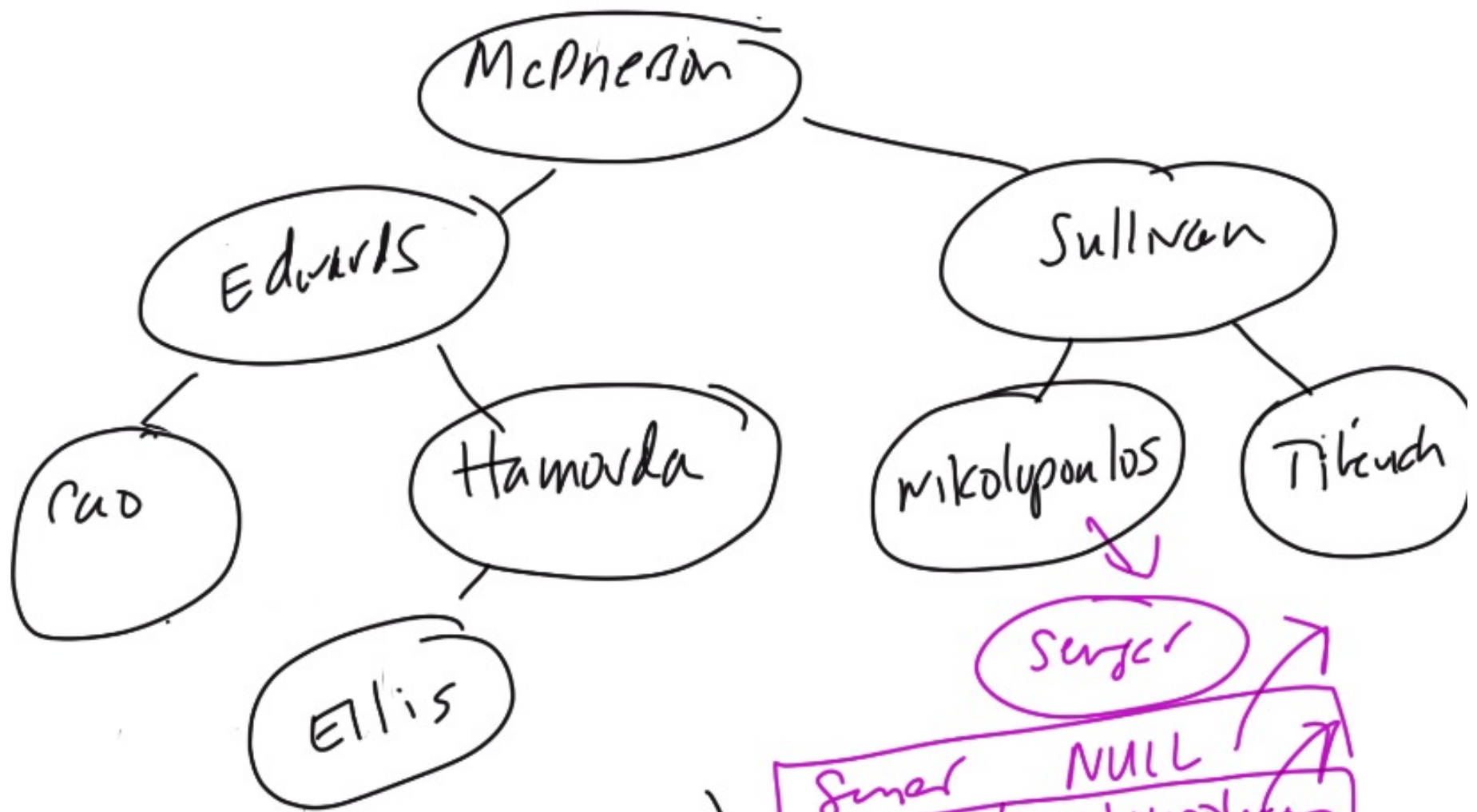
Insert (Senger, McPherson node)

Senger

Senger,	NULL
Senger,	Nikolypoulos
Senger,	Sullivan node
Senger,	McPherson node

Duplicate Entries

- If any entry *e* has a duplicate entry *d*, we arbitrarily require that d occur in the right subtree of *e*'s node

- For each node in a binary search tree:
  - Data in a node is greater than data in node's left subtree
  - Data in a node is less than *or equal to* data in node's right subtree

Binary search tree diagram with nodes:

- McPherson (root)
  - Edwards
    - Cao
    - Hamouda
  - Sullivan
    - Nikolopoulos (, minnode)
    - Tileich (, minnode)

insert(McPherson, McPherson node)

insert(Sullivan, McPherson node)

insert(Cao, McPherson node)

insert(Sullivan, McPherson node)

Cao

McPherson

Sullivan

Sullivan

McPherson, McPherson node