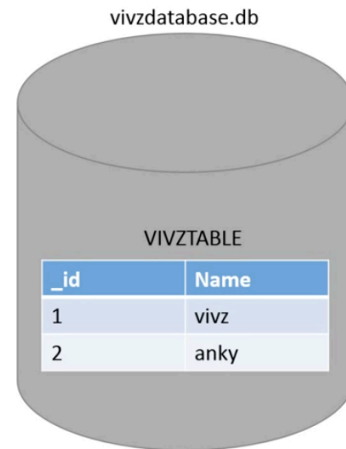SQLite insert
Working but not recommended way of inserting

Insert statement #1

vivzdatabase.db

INSERT INTO VIVZTABLE (Name) VALUES('vivz');
String insertQuery="INSERT INTO VIVZTABLE
 (Name) VALUES('vivz')";
db.execSQL(insertQuery);

VIVZTABLE

_id	Name
1	vivz
2	anky

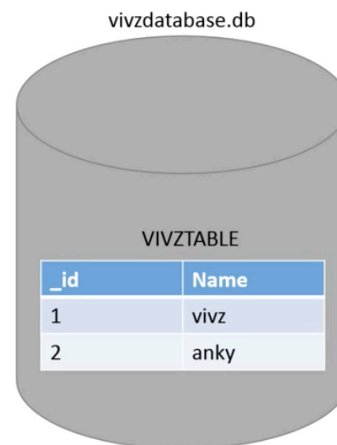Android way of inserting things

Insert statement #2

vivzdatabase.db

ContentValues contentValues=**new ContentValues();**
For every column specify the name of column as KEY
And the data to be put as value
contentValues.put(VivzHelper.*NAME, "Vivz");*

VIVZTABLE

_id	Name
1	vivz
2	anky

long id=db.insert(VivzHelper.*TABLE_NAME, null, contentValues);*
TableName, NullColumnHack, ContentValues object
id= row ID of inserted row or -1 if the operation fails

What is nullColumnHack

Android doesn't allow you to insert null (empty row) into the table. If you want to do that, you have to specify that column to nullColumnHack parameter

public long insert (String table, String nullColumnHack, ContentValues values)

_id	Name

- What is nullColumnHack?
- inserting a completely empty ContentValues doesn't work.

```
INSERT INTO VIVZTABLE;
ContentValues contentValues=new ContentValues();
db.insert(VivzHelper.TABLE_NAME, null, contentValues);
```

Specify the name of ANY 1 column in your table that can be NULL

```
INSERT INTO VIVZTABLE (Name) VALUES(NULL);
ContentValues contentValues=new ContentValues();
db.insert(VivzHelper.TABLE_NAME, VivzHelper.NAME, contentValues);
```

_id	NAME	ADDRESS
1	NULL	NULL

What is the Best way to insert data?

What is the BEST way to insert data?

- **Create a method [call it insert]**
- **Take all the values to be inserted as parameters to the method**
- **Use the #1 or #2 INSERT technique**
- **Return the long ID which specifies if the row was inserted successfully or not**