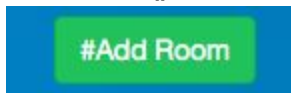● **We will divide JS code for kwiter_room.js into five parts -**

1. Update the HTML element with user name. Like this-

2. **addRoom()** function, this function is call when "Add Room Button is click"

. It will add the room name in the firebase and in the localStorage. And redirect to that particular room page.

3. Complete **getData()** function, this function gets all the room names from firebase and display on **kwitter_room.html,** like this -

4. **redirectToRoomName()** function, this function is called when we click on any room name

It will add the room name in the localStorage. And redirect to that particular room page.

5. **logout()** function, this function we will discuss in the next class.

● **PART 2 - addRoom() function**

```
function addRoom()
{
  room_name = document.getElementById("room_name").value;

  firebase.database().ref("/").child(room_name).update({
    purpose : "adding room name"
  });

    localStorage.setItem("room_name", room_name);

    window.location = "kwitter_page.html";
}
```

- **PART 3 - getData() function**

In **kwitter_room.js** as the student has downloaded this file, it has some pre written JS code like this -

```
function getData() {firebase.database().ref("/").on('value', function(snapshot) {document.getElementById("output").innerHTM
        Room_names = childKey;
        //Start code

        //End code
    });});}
getData();
```

So this code is used to get all the data from firebase, you don't have to understand the above mentioned code for now, as we can easily find it from the firebase documents. This code only gets the room names from firebase, we will write some code for displaying this room names inside the HTML element which we had defined in class 93 to hold the room names.

The **Room_names** variable holds all the room names coming from the firebase.

```
function getData() {firebase.dat
        Room_names = childKey;
        //Start code

        //End code
    });});}
getData();
```

So we will use this Room_names variable throughout the code to get the room names

Complete code for getData() -

```
function getData() {firebase.database().ref("/").on('value', function(snapshot) {document.getElementById("output").innerHTM
        Room_names = childKey;
        //Start code
        console.log("Room Name - " + Room_names);
        row = "<div class='room_name' id="+Room_names+" onclick='redirectToRoomName(this.id)' >#"+ Room_names +"</div><hr>";
        document.getElementById("output").innerHTML += row;
        //End code
    });});}
getData();
```
                                            Student has to code this

- **PART 4 - redirectToRoomName()**

```
function redirectToRoomName(name)
{
  console.log(name);
  localStorage.setItem("room_name", name);
    window.location = "kwitter_page.html";
}
```