



//Filter

```
private fun filter(text: String) {
    // creating a new array list to filter our data.
    val filteredlist: ArrayList<Lab> = ArrayList()
    // running a for loop to compare elements.
    for (item in itemList) {
        // checking if the entered string matched with any item of our recycler view.
        if (item.lab_name.lowercase().contains(text.lowercase())) {
            // if the item is matched we are
            // adding it to our filtered list.
            filteredlist.add(item)
        }
    }
    if (filteredlist.isEmpty()) {
        // if no item is added in filtered list we are
        // displaying a toast message as no data found.
        //Toast.makeText(this, "No Data Found..", Toast.LENGTH_SHORT).show()
        labAdapter.filterList(filteredlist)
    } else {
        // at last we are passing that filtered
        // list to our adapter class.
        labAdapter.filterList(filteredlist)
    }
}
```