

## Medical Store

Imagine a medical store containing 3 racks. The medical store is designed in such a way that all medicine-packs whose name in the range of A-G goes to rack 1, H-N goes to rack 2 and O-Z goes to rack 3. Each rack is designed in such a way that the item inserted last comes out first. There is an opening only from the top. Each rack has exactly 5 slots.

For instance, when rack is empty, it looks like this

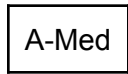
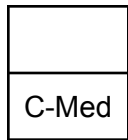
<b>Rack 1</b>

After inserting medicine A-Med, B-Med, D-Med, it changes to the following

<b>Rack 1</b>
D-Med
B-Med
A-Med

After removing B-Med from the rack, the rack looks like to following,

<b>Rack 1</b>



Write a class for this medical store with two essential methods,

**insertDrugIntoRack**

**removeDrugFromRack**