

```
import java.util.List;
import java.util.ArrayList;
```

```
class Dataklynge {
```

```
    private List racks = new ArrayList();
```

```
    public void addNode(Node node) {
```

```
        Rack r;

        if (racks.isEmpty()) {
            r = new Rack();
            racks.add(r);
        } else {
            r = racks.get(racks.size()-1);
        }

        if (r.rackSize() < 12) {
            Rack newRack = new Rack();
            racks.add(newRack);
            newRack.addNode(node);
        } else {
            r.addNode(node);
        }
    }
}
```

```
    public int antProssessorer() {
```

```
        int prosessorer = 0;

        for (Rack rack : racks) {
            prosessorer += rack.antProssessorer();
        }

        return prosessorer;
    }
```

```
    public int noderMedNokMinne (int paakrevdMinne) {
        int noderMinne = 0;
```

```
        for (Rack rack : racks) {
            noderMinne += rack.noderStoreNok(paakrevdMinne);
        }
        return noderMinne;
    }
```

```
    public int antallRacks () {
        return racks.size();
    }
}
```