public class Sort

{

public List<Weight> weights;

public void sort()

{

}

}

public class SelectionSort

{

public List<Weight> weights;

public void sort()

{

…

...

}

}

public class QuickSort

{

public List<Weight> weights;

public void sort()

{

…

...

}

}

Public class SortFactory

{

public Sort sort;

public Sort getSelectionSort()

{

this.sort=new SelectionSort();

return sort;

}

public Sort getQuickSort()

{

this.sort=new QuickSort();

return sort;

}

}