**// QUICK SORT**

class QuickSort

{

public static int partition(String[] A,int p,int r)

{

String temp;

String x = A[r];

int i = p-1;

for(int j = p; j <= r-1; j++)

{

if(A[j].compareTo(x) <= 0)

{

i = i+1;

temp = A[i];

A[i] = A[j];

A[j] = temp;

}

}

temp = A[i+1];

A[i+1] = A[r];

A[r] = temp;

return i+1;

}

public static void quickSort(String [] A,int p,int r)

{

if(p < r)

{

int q = partition(A,p,r);

quickSort(A,p,q-1);

quickSort(A,q+1,r);

}

}

public static void main(String [] args)

{

String names[] ={"Sangeeth","Poornima", "Pratheesh","Vikas","Karthi","Abin"};

quickSort(names,0,5);

System.out.println("After QuickSort");

for(int i=0;i<names.length;i++){

System.out.println(names[i]);

}

}

}