**public** **class** InsertionSort {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int**[] a= {5,1,6,2,4,3};

**int** temp,j;

**for**(**int** i=1;i<a.length;i++) {

temp=a[i];

j=i;

**while**(j>0 && a[j-1]>temp) {

a[j]=a[j-1];

j=j-1;

}

a[j]=temp;

}

System.***out***.print("After Sorting : ");

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

System.***out***.print(a[i]+" ");

}

}

}