Bubble Sort Algorithm implementation: -

```
class BubbleSortDemo
{
	public static void main(String[]args)
	{
	int[] arr={3,2,9,8,5,6,4,7,1,0};
	int n=arr.length;
	int temp;
	System.out.println("Before Array Sorting");
		for(int x: arr)
	  {
		System.out.print(x+" ");
	  }
		System.out.println();
	for(int i=0;i<n-1;i++)
	{
		for(int j=0;j<n-1-i;j++)
		{
			if(arr[j]>arr[j+1])
			{
				temp=arr[j+1];
				arr[j+1]=arr[j];
				arr[j]=temp;
			}
		}
	}
	System.out.println("After Array Sorting");
		for(int x:arr)
	  {
		System.out.print(x+" ");
	  }
}
}
```

Selection Sort Algorithm implementation: -

```
class SelectionSortDemo
{
public static void main(String[]args)
        {
        int[] arr={3,2,9,8,5,6,4,7,1,0};
        int n=arr.length;
        int temp;
        int min;
        System.out.println("Before Array Sorting");
                for(int x: arr)
          {
                System.out.print(x+" ");
          }
                System.out.println();
        for(int i=0;i<n;i++)
        {
                min=i;
                for(int j=i+1;j<n;j++)
                {
                        if(arr[j]<arr[min])
                        {
                                min=j;
                        }
                }
              temp=arr[i];
                                arr[i]=arr[min];
                                arr[min]=temp;
        }
        System.out.println("After Array Sorting");
                for(int x:arr)
          {
                System.out.print(x+" ");
          }
}
}
```

Insertion Sort Algorithm implementation: -

```
class InsertionSortDemo
{
public static void main(String[]args)
        {
        int[] arr={3,2,9,8,5,6,4,7,1,0};
        int n=arr.length;
        int temp;
        int key;
        System.out.println("Before Array Sorting");
                for(int x: arr)
          {
                System.out.print(x+" ");
          }
                System.out.println();
        for(int i=1;i<n;i++)
        {
                key=arr[i];
                int j=i-1;
                while(j>=0 && arr[j]>key)
                {
                        arr[j+1]=arr[j];
                        j=j-1;
                }
                arr[j+1]=key;
        }
        System.out.println("After Array Sorting");
                for(int x:arr)
          {
                System.out.print(x+" ");
          }
}
}
```