PHASE 1 PRACTICE ASSISTED PROJECT

6. Writing a program in Java implementing the insertion sort algorithm

```
ublic class InsertionSort {
    public static void insertionSort(int[] arr) {
                arr[j + 1] = key;
          System.out.println("Original array: ");
          printArray(arr);
          insertionSort(arr);
          System.out.println("Sorted array: ");
          printArray(arr);
                System.out.print(arr[i] + " ");
          System.out.println();
```

OUTPUT-

```
□ Console ×

<terminated > InsertionSort [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (18-May-2023, 10:09:08 am - 10:09:08 am) [pid: 3560]

Original array:

64 34 25 12 22 11 90

Sorted array:

11 12 22 25 34 64 90
```