Sorting

In this homework your task is too create 5 public functions and any other private helper functions you need

The function prototypes should be

public static void mergesort(int arr[])

public static void bubblesort(int arr[])

public static void insertionsort(int arr[])

public static void selectionsort(int arr[])

public static void quicksort(int arr[])

Each of the above functions above should implement the algorithm as described by there name

The name of the submitted file should be Main.java