```
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Kelas : 2 TI Reguler A
NIM
    : 09021281924060
Bubble Sort
 * To change this license header, choose License Headers in Project
Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
package alproii012120;
/**
 * @author Ferza Reyaldi
public class Sorting {
   static void ascendingBubbleSort(int array[])
   {
       int n = array.length;
       int temp = 0;
       for (int i = 0; i < n; i++)
       {
           for (int j = 0; j < n-i-1; j++)
           {
               if (array[j] > array[j+1])
               {
                  temp = array[j+1];
                  array[j+1] = array[j];
                  array[j] = temp;
               }
           }
       }
   }
   static void descendingBubbleSort(int array[])
   {
       int n = array.length;
       int temp = 0;
       for (int i = 0; i < n; i++)
       {
           for (int j = 0; j < n-i-1; j++)
           {
               if (array[j] < array[j+1])</pre>
               {
                  temp = array[j+1];
                  array[j+1] = array[j];
```

```
array[j] = temp;
               }
           }
       }
   }
   static void print(int array[])
       int n = array.length;
       for (int i = 0; i < n; i++){
           System.out.print(array[i] + " ");
       }
   }
   public static void main(String[] args) {
       int A[] = \{2,4,3,2,23,4,5,6,7\};
       print(A);
       ascendingBubbleSort(A);
       System.out.println();
       print(A);
       descendingBubbleSort(A);
       System.out.println();
       print(A);
   }
}
```

Lampiran Program:

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           Projects × Services | Files | — CetakArray,java × FringsiRekursifBinarySearch,java × PrintIndex,java × Sorting.java ×
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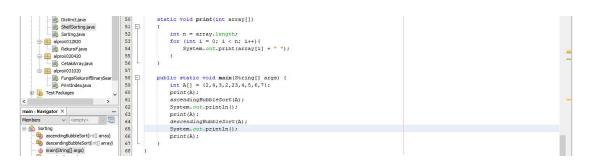
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               ascendingBubbleSort(nt[] array)
descendingBubbleSort(nt[] array)
main(String[] args)
print(nt[] array)
                                                                                                                                                                                                                                                                                                                                                                                                  if (array[j] > array[j+1])
                                                                                                                                                                                                                                                                                                                                                                                                                               temp = array[j+1];
                                                                                                                                                                                                                                                                                                                                                                                                                                      array[j+1] = array[j];
array[j] = temp;
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Diamond.java
Distinct.java
ShellSorting.java
Sorting.java
                                                                                                                                                                                                                                                                                                                    static void descendingBubbleSort(int array[])
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FungsiRekursifBin
                                                                                                                                                                                                                                                                                                                                                                                                                             temp = array[j+1];
array[j+1] = array[j];
array[j] = temp;
```



## Output Program:

