Tugas section 12 & 13

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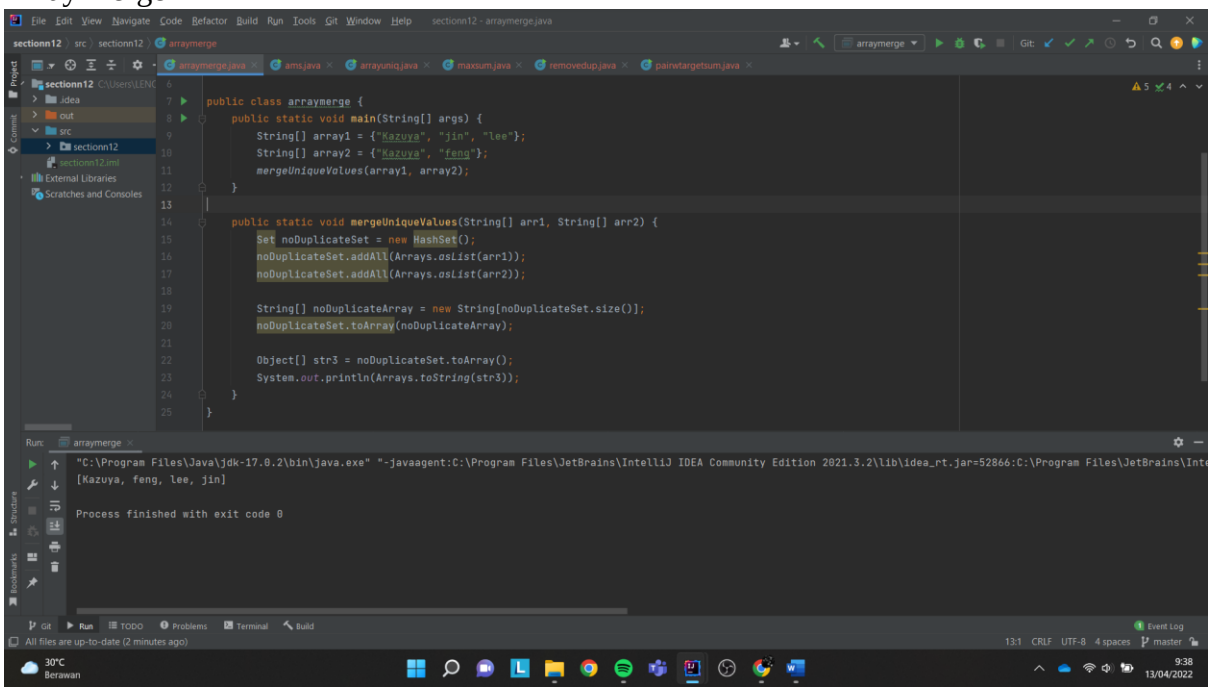
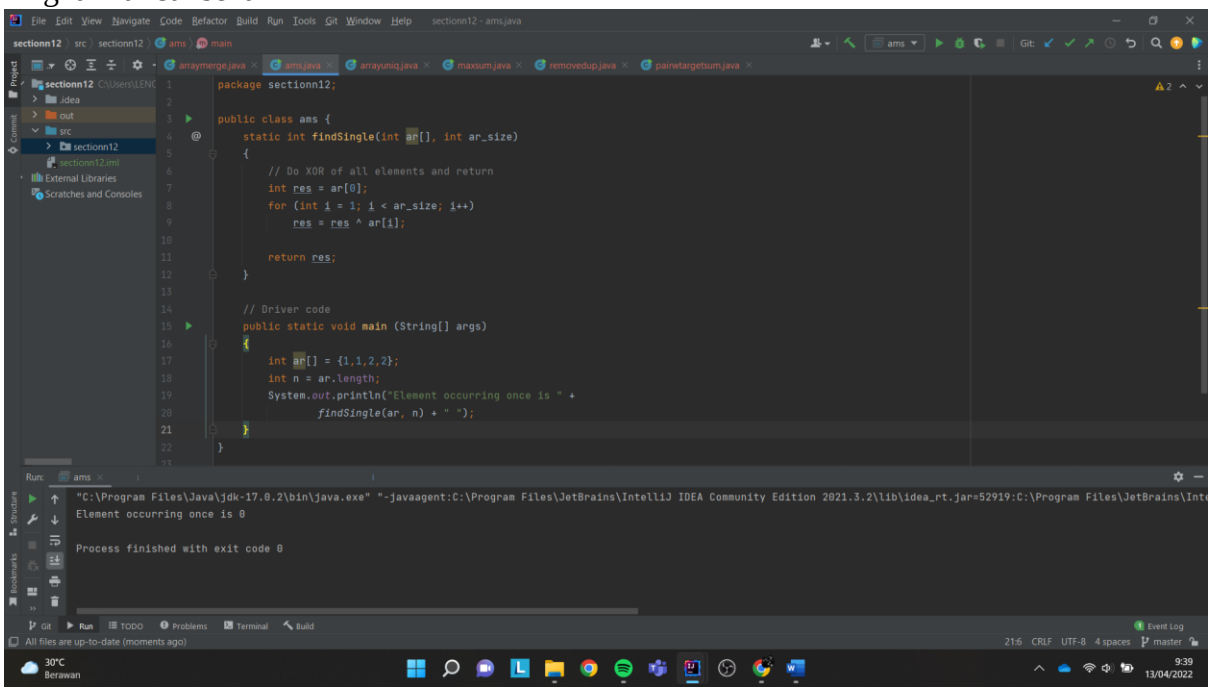
Kelas E QE

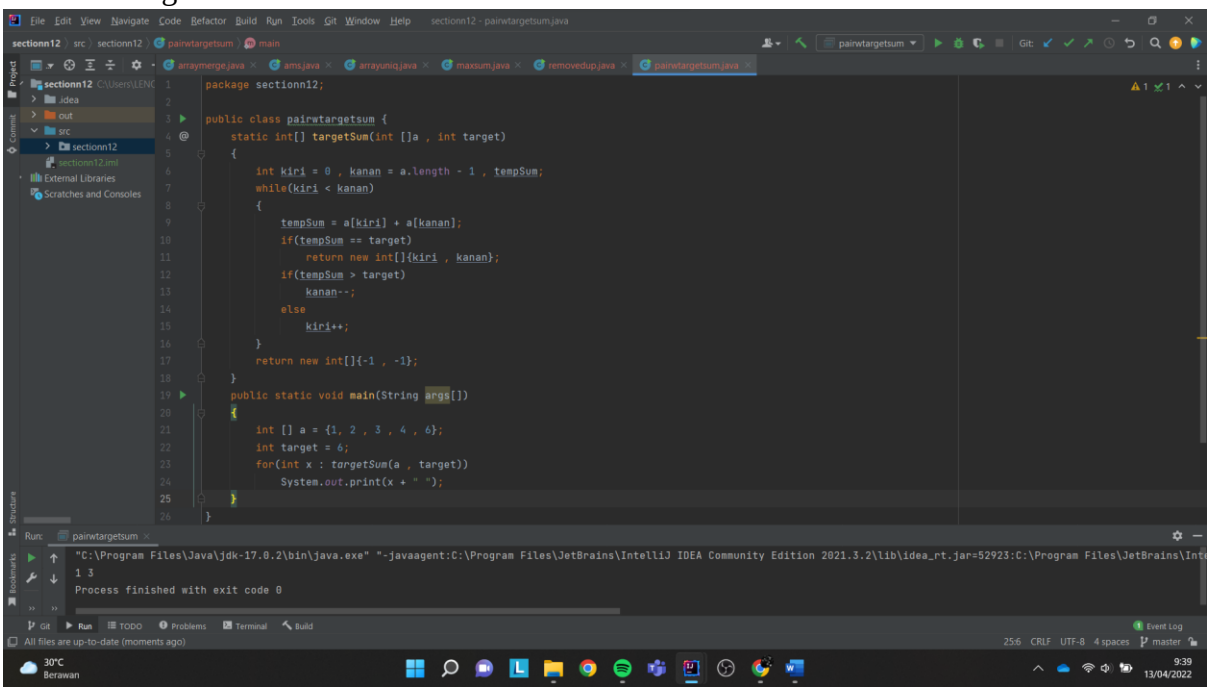
- Array merge



- Angka muncul sekali



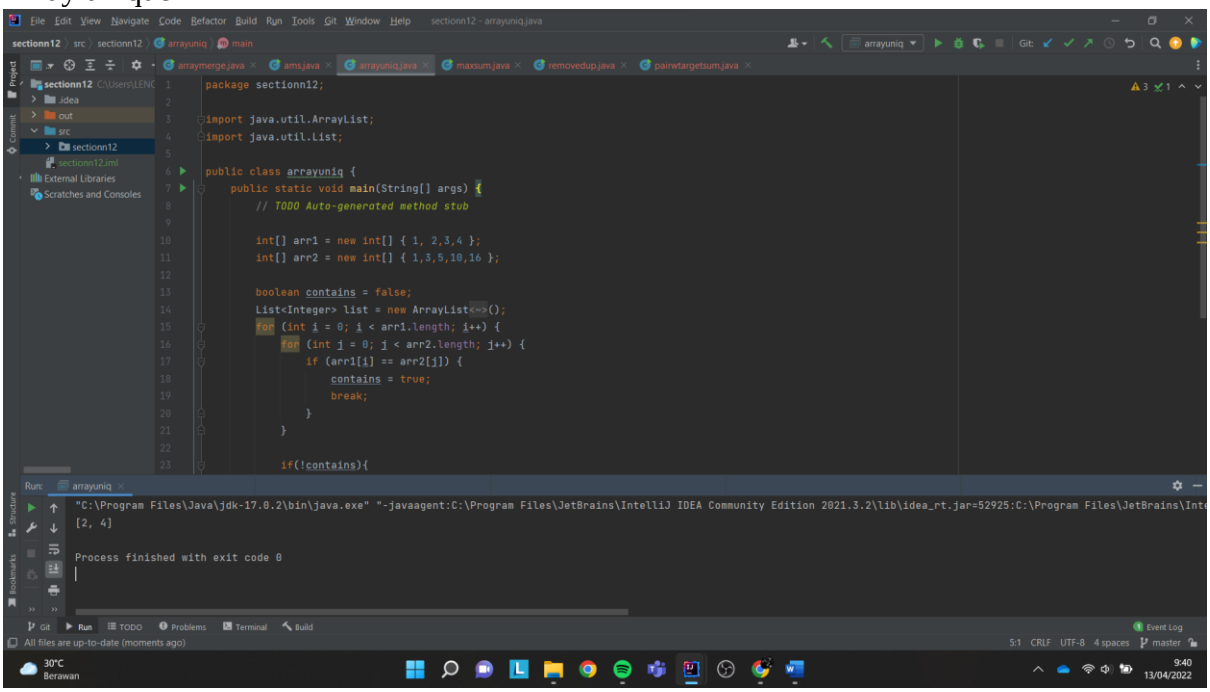
- Pair with target sum



```
package sectionn12;

public class pairwtargetsum {
    static int[] targetSum(int []a , int target)
    {
        int kiri = 0 , kanan = a.length - 1 , tempSum;
        while(kiri < kanan)
        {
            tempSum = a[kiri] + a[kanan];
            if(tempSum == target)
                return new int[]{kiri , kanan};
            if(tempSum > target)
                kanan--;
            else
                kiri++;
        }
        return new int[]{-1 , -1};
    }
    public static void main(String args[])
    {
        int [] a = {1, 2 , 3 , 4 , 6};
        int target = 6;
        for(int x : targetSum(a , target))
            System.out.print(x + " ");
    }
}
```

```
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.2\lib\idea_rt.jar=52923:C:\Program Files\JetBrains\Int
1 3
Process finished with exit code 0
```

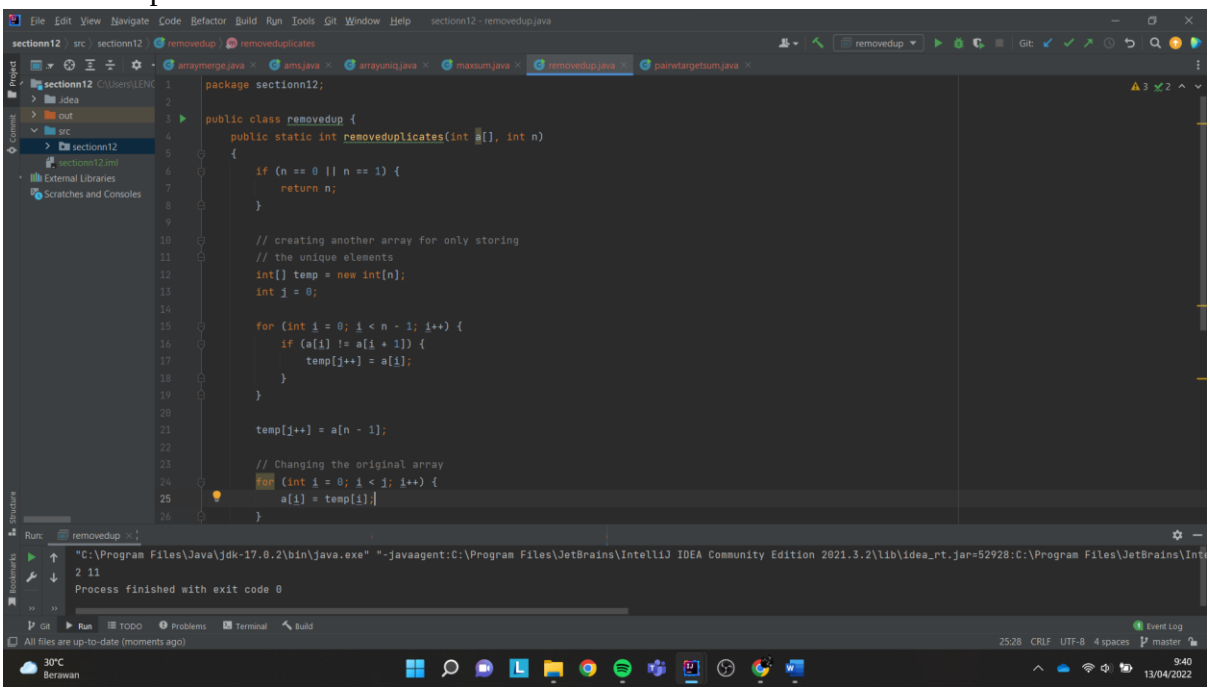
- Array unique



```
package sectionn12;

import java.util.ArrayList;
import java.util.List;

public class arrayuniq {
    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int[] arr1 = new int[] { 1, 2,3,4 };
        int[] arr2 = new int[] { 1,3,5,10,16 };

        boolean contains = false;
        List<Integer> list = new ArrayList<>();
        for (int i = 0; i < arr1.length; i++) {
            for (int j = 0; j < arr2.length; j++) {
                if (arr1[i] == arr2[j]) {
                    contains = true;
                    break;
                }
            }

            if(!contains){
```

```
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.2\lib\idea_rt.jar=52925:C:\Program Files\JetBrains\Int
[2, 4]

Process finished with exit code 0
```

- Remove duplicates



- Maximum sum subarray of size K