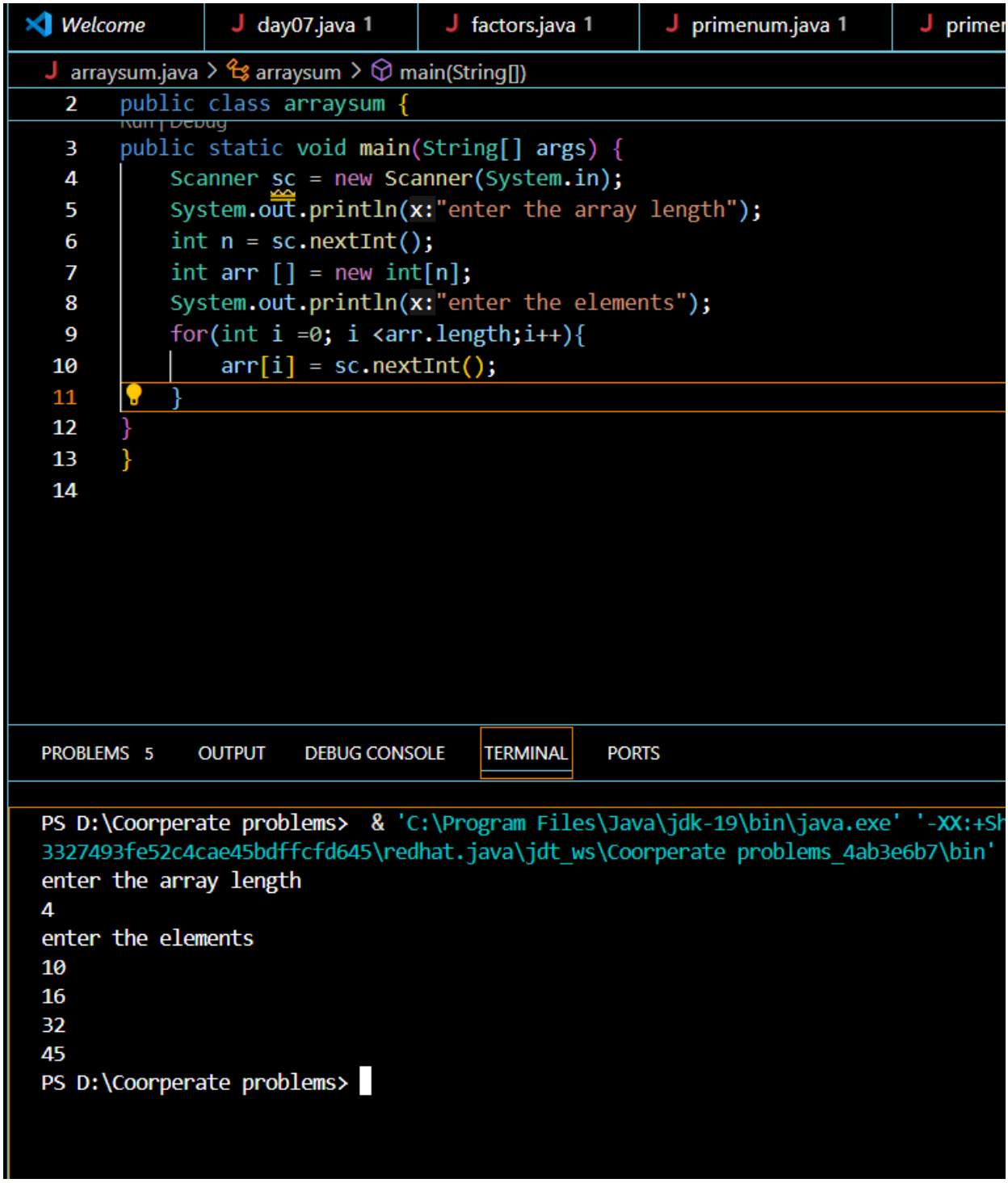
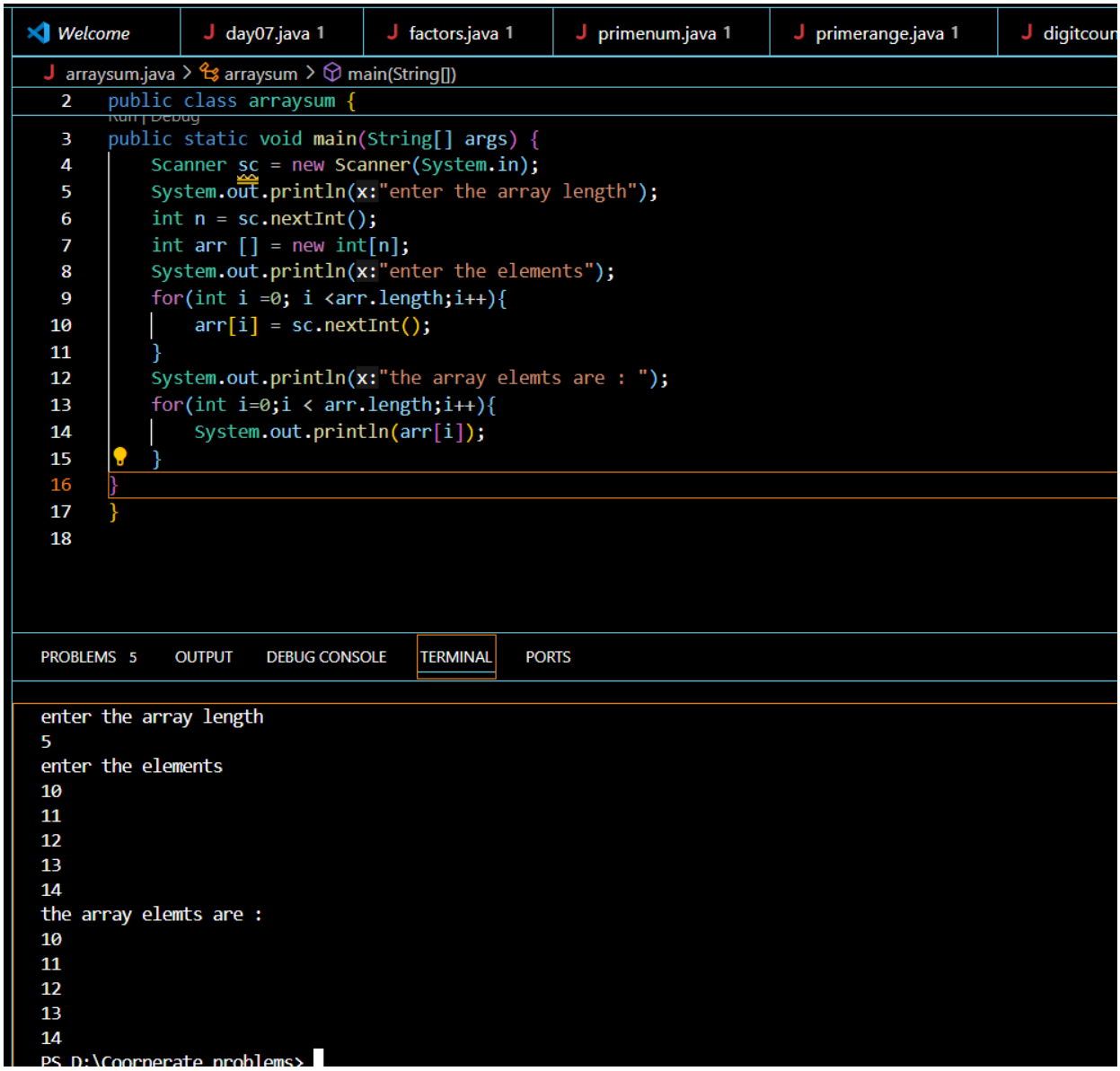
Array Problems (Basic problems - Set 01)

1.Declare and initialize an array, 2.Take input and store in array

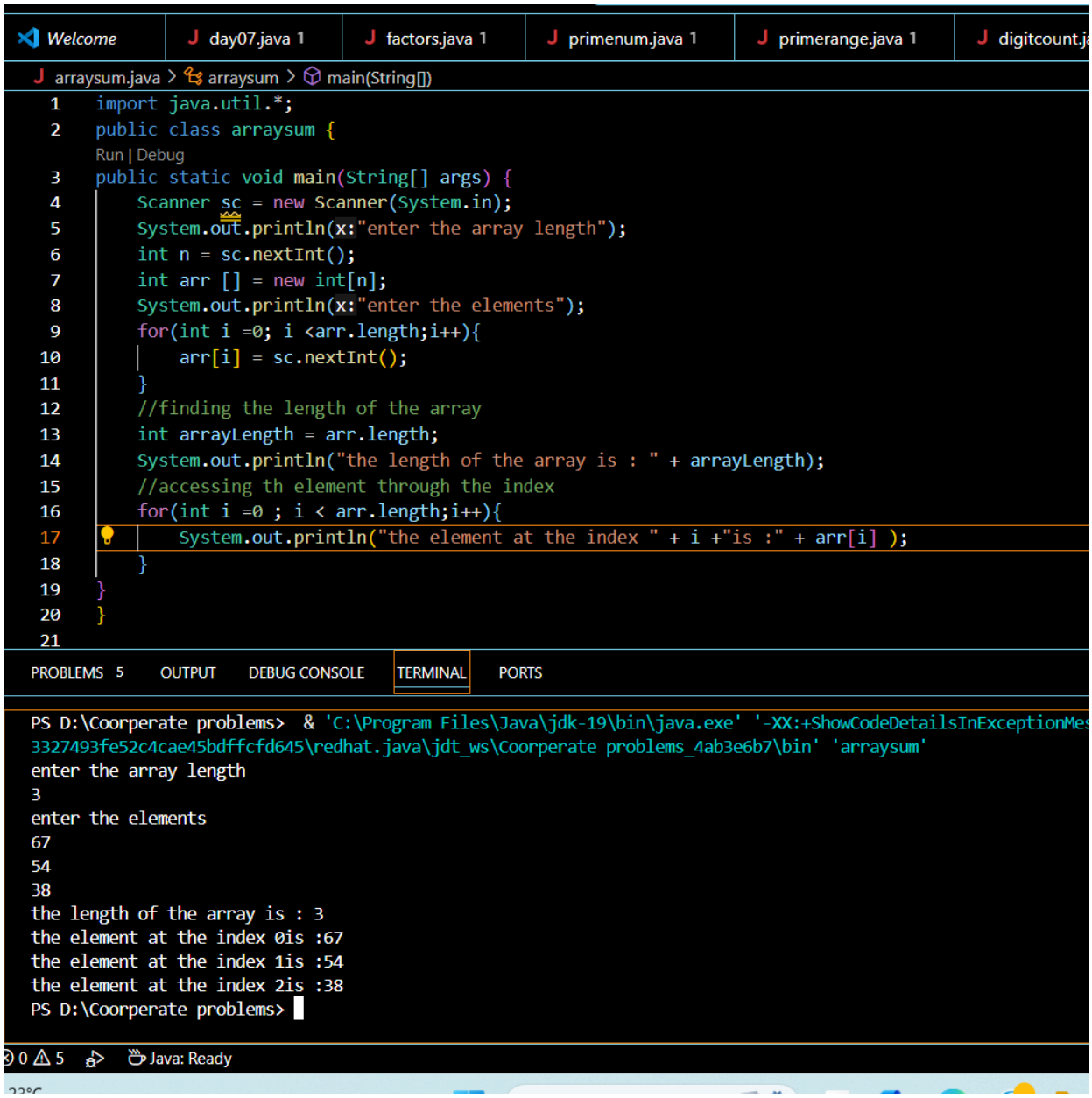


3.Print all elements of an array

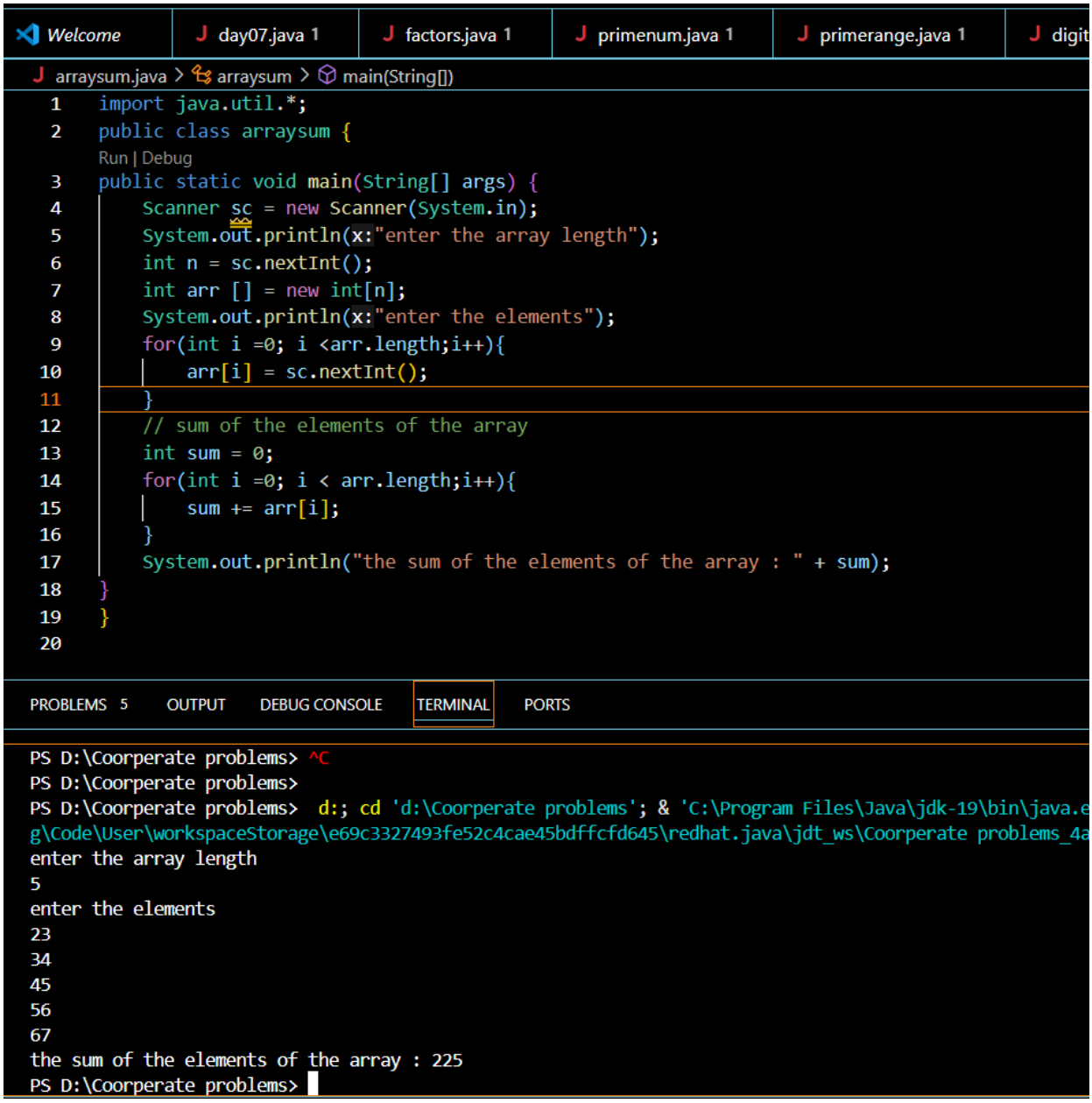


4.Find the length of an array

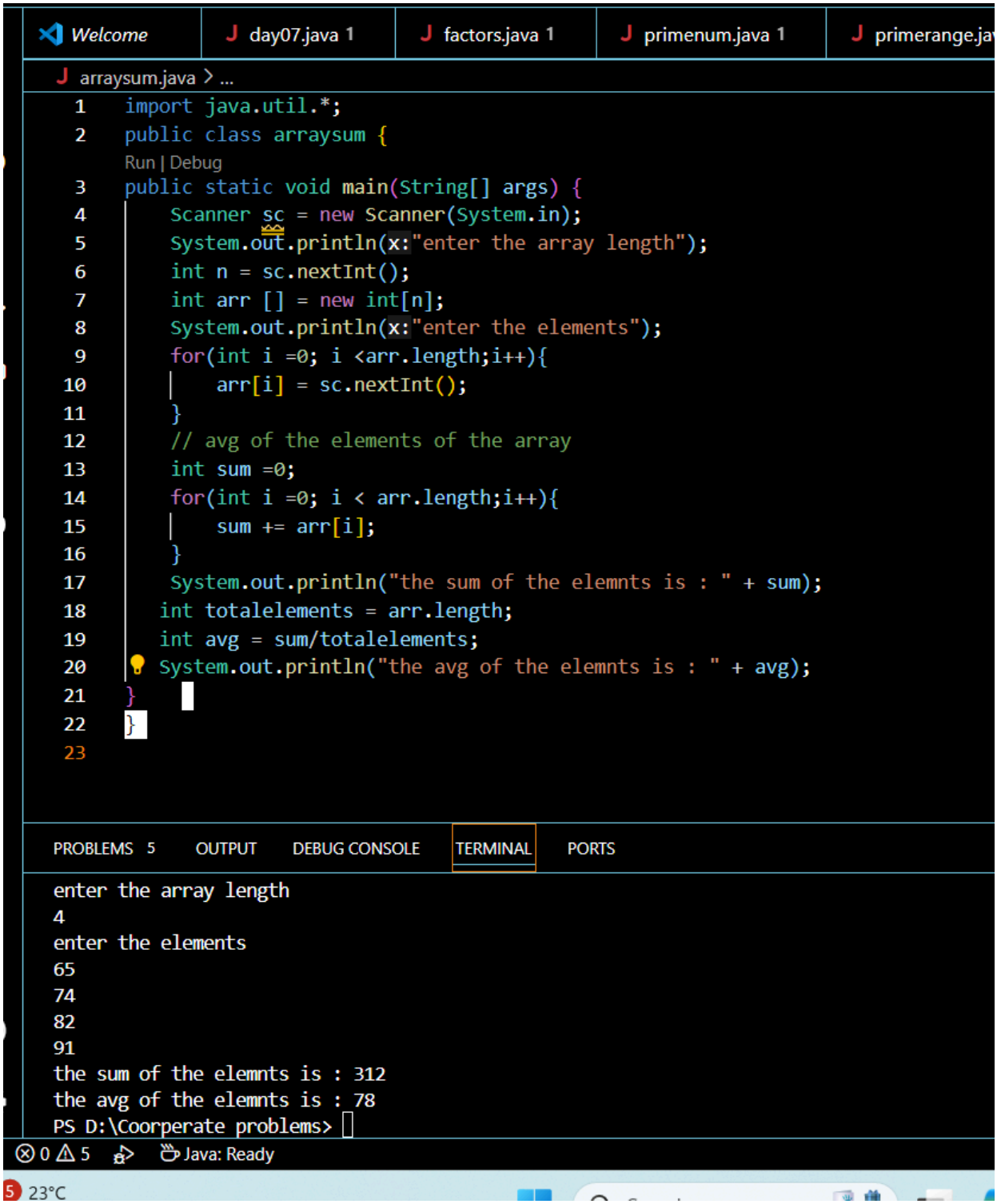
5.Access specific index



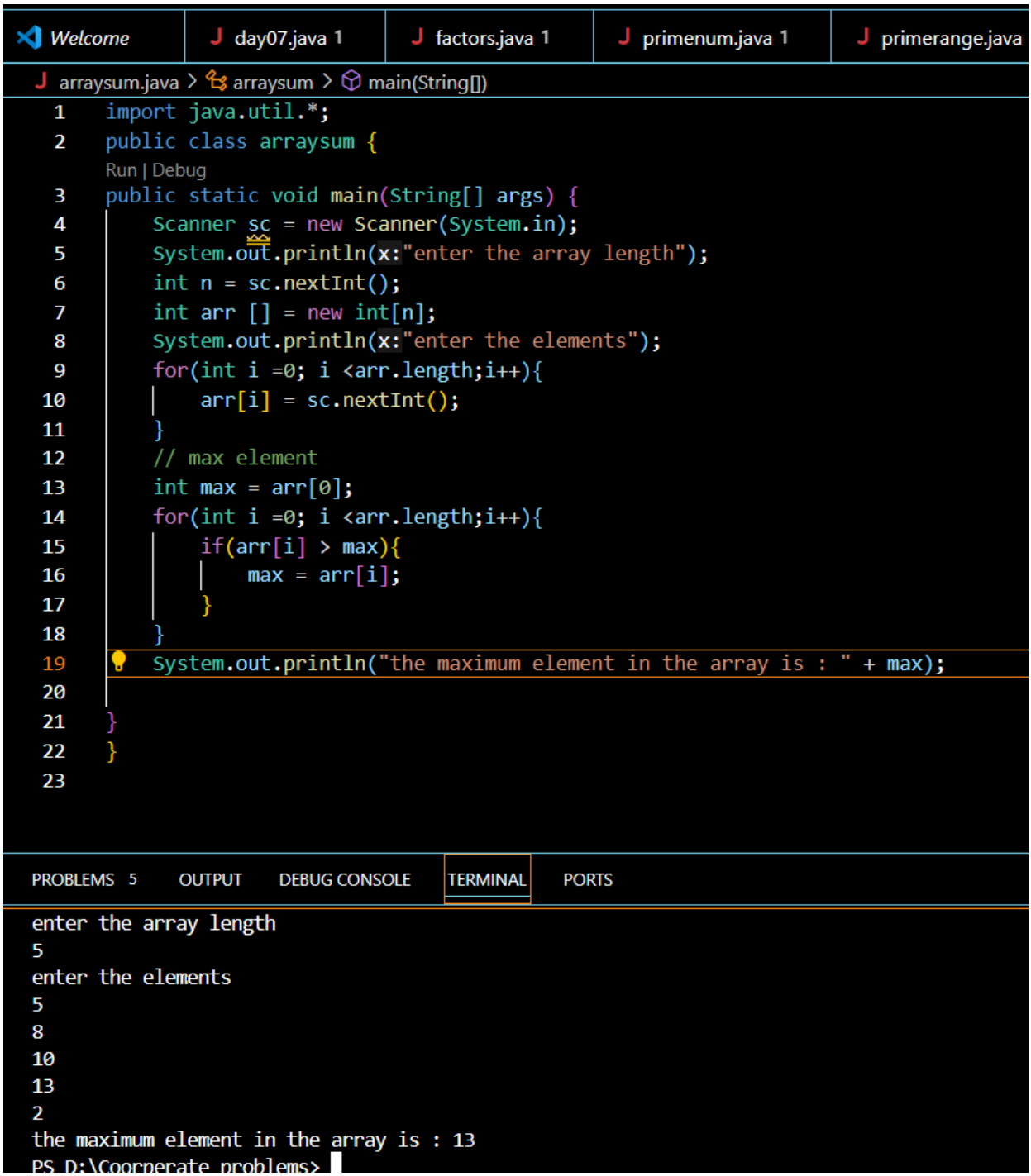
6.Sum of all elements



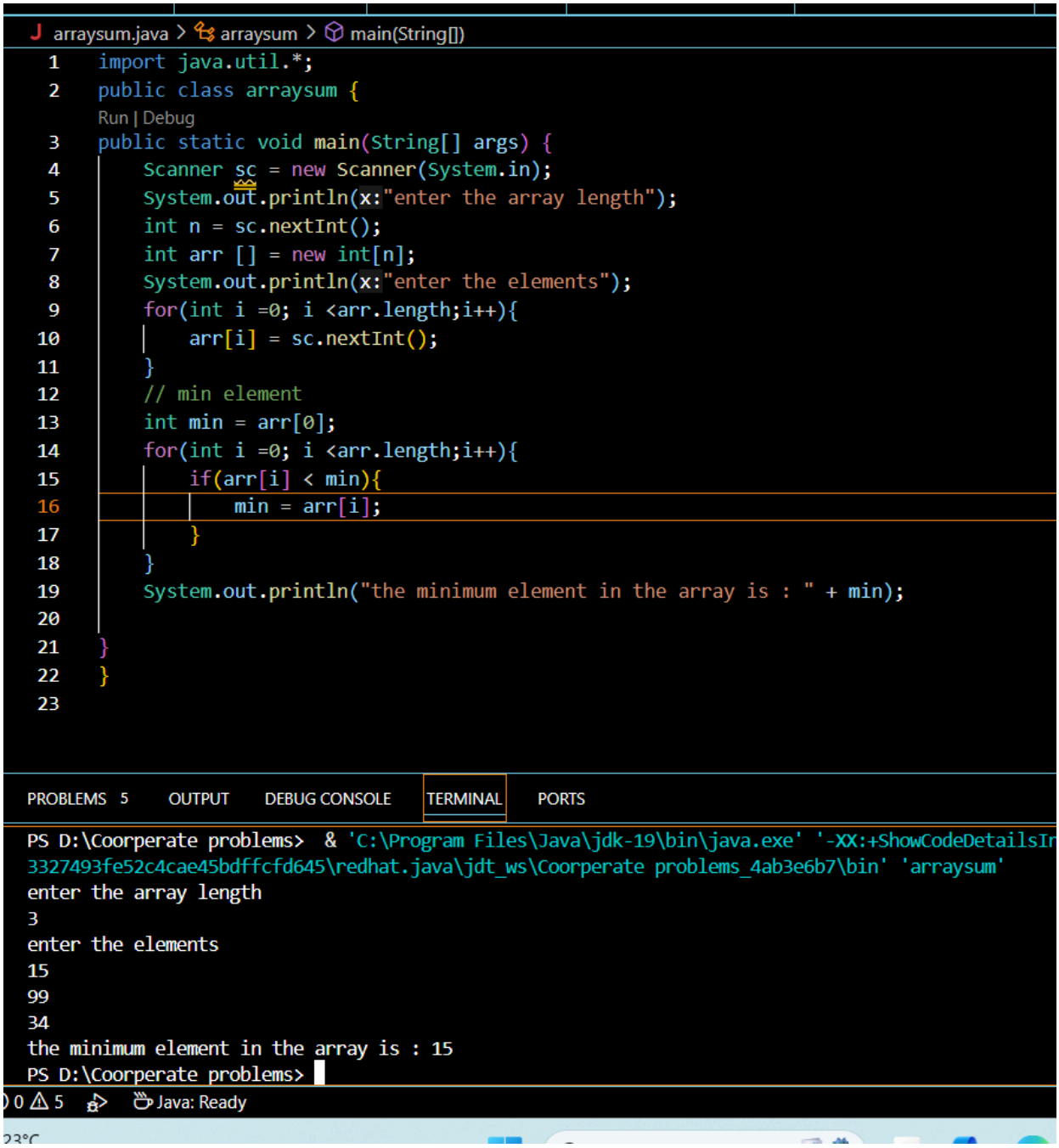
7.Average of array elements



8.Find maximum element

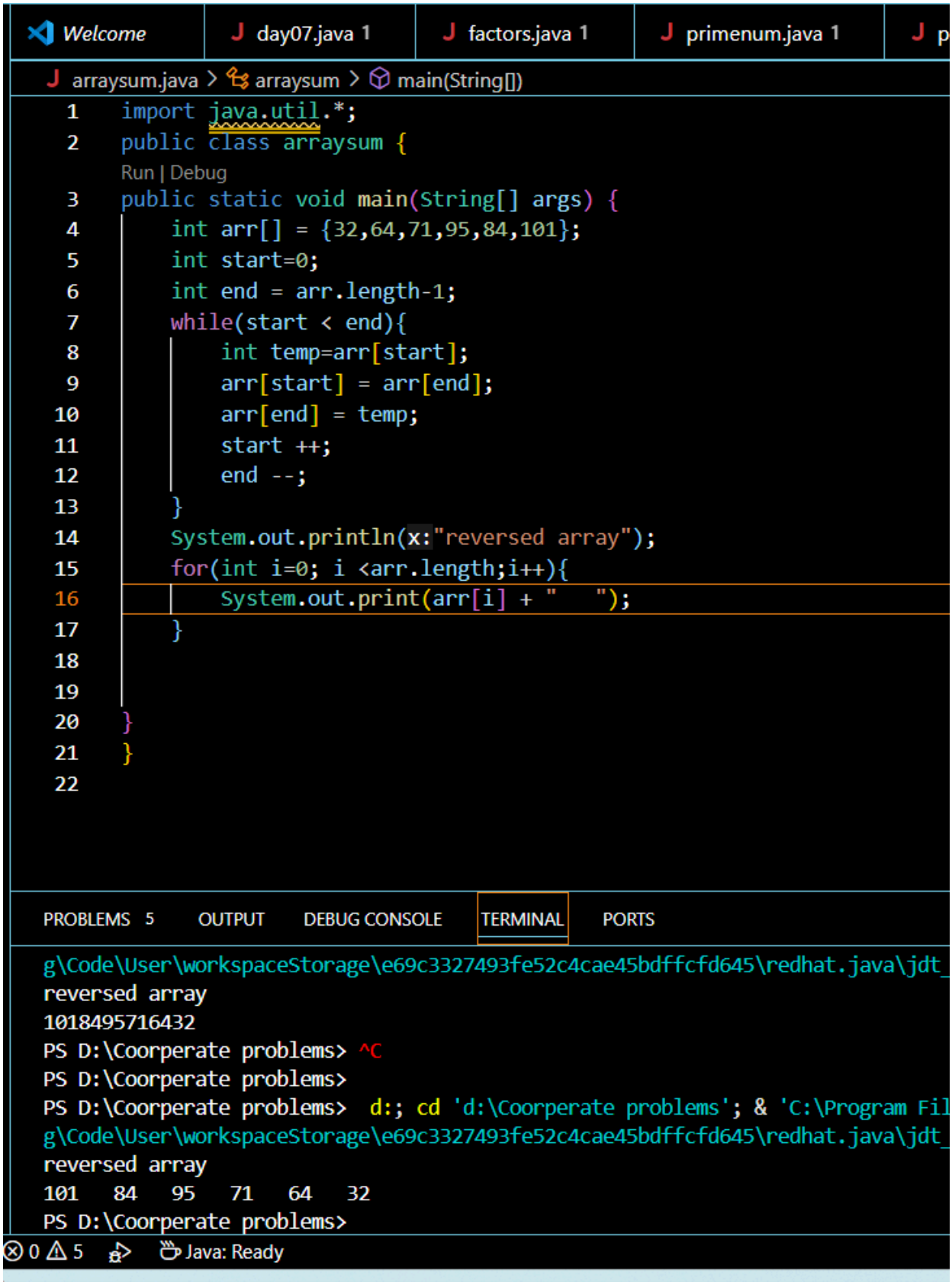


9.Find minimum element

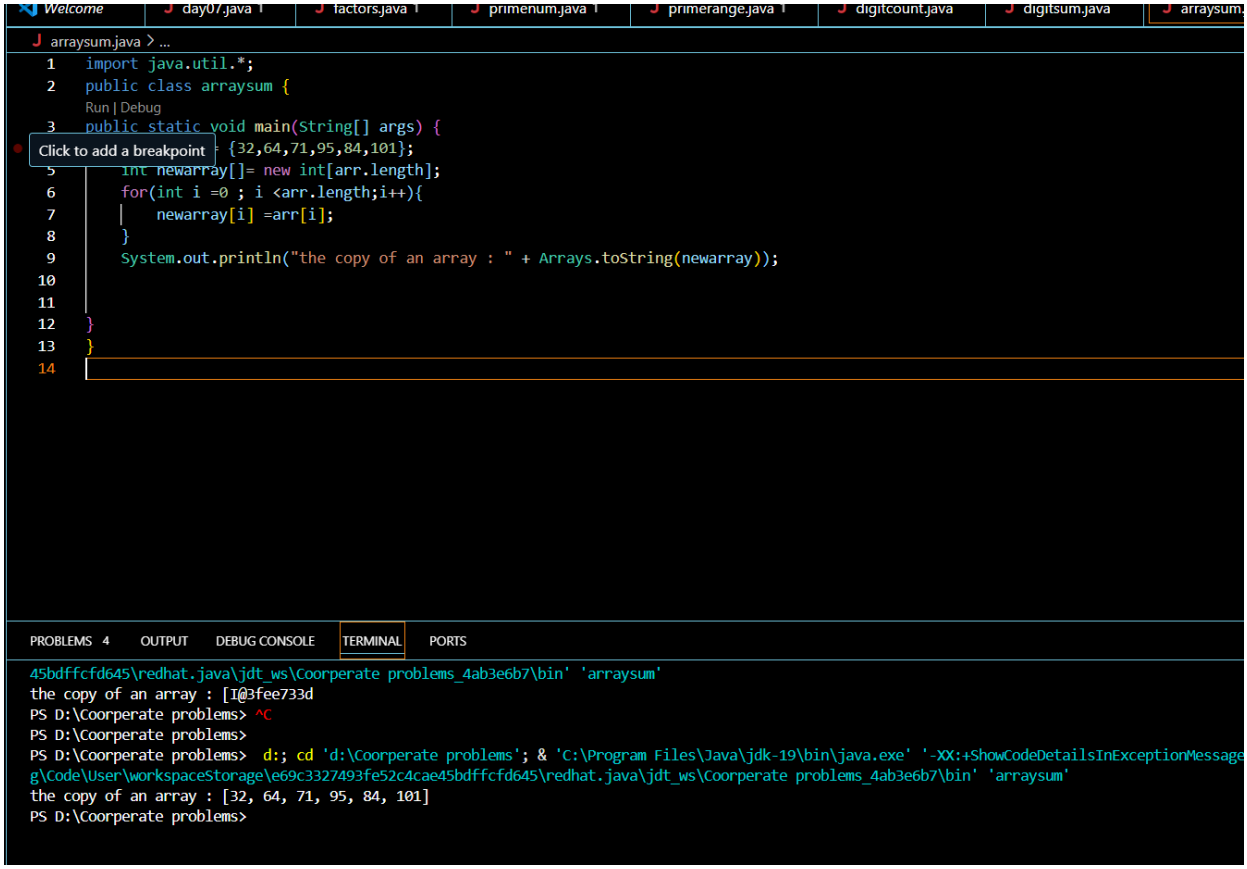


10.Count even and odd elements

11.Reverse the array

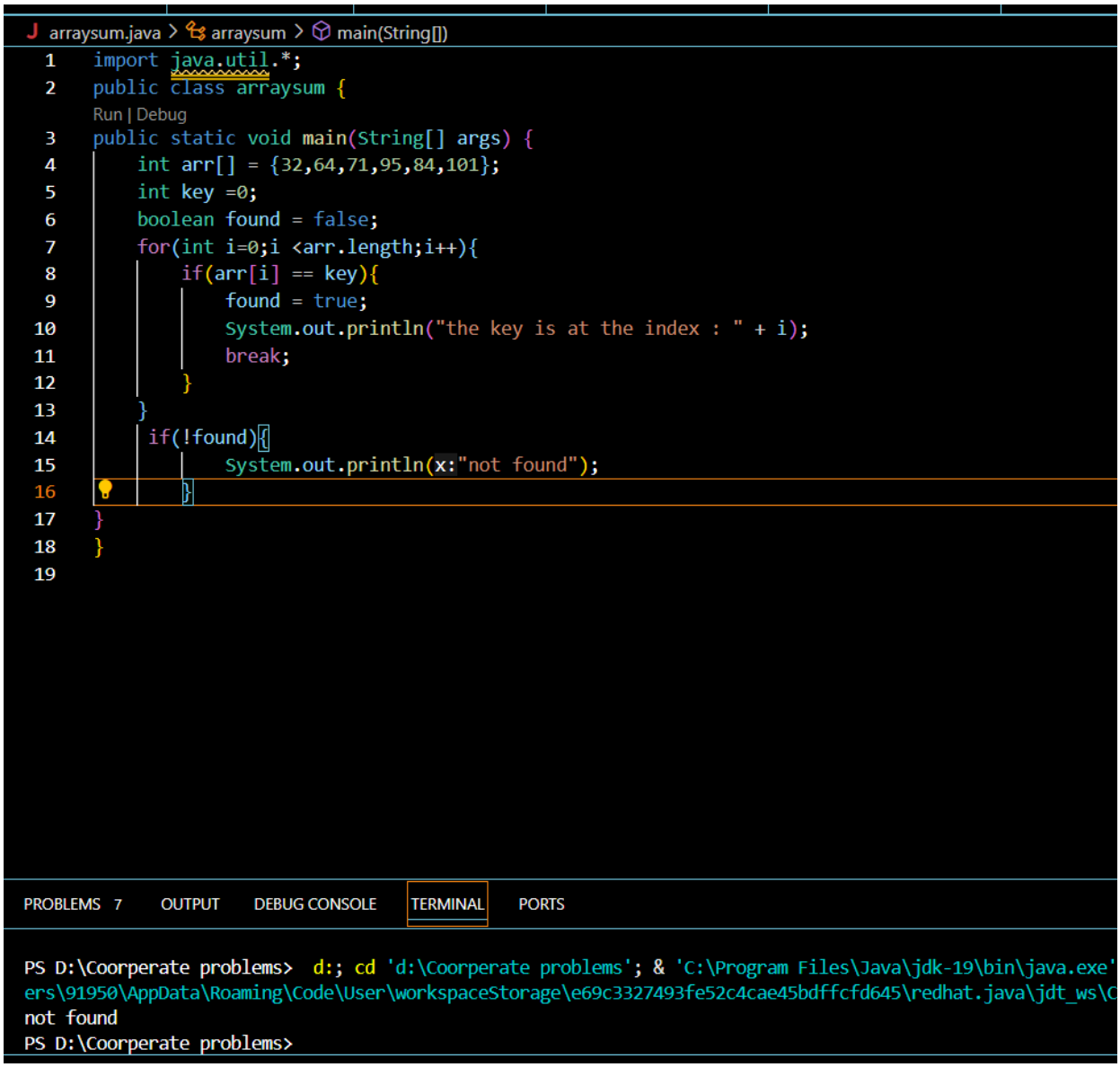

Welcome
day07.java 1
factors.java 1
primenum.java 1
arraysum.java > arraysum > main(String[])
import java.util.*;
public class arraysum {
Run | Debug
public static void main(String[] args) {
int arr[] = {32,64,71,95,84,101};
int start=0;
int end = arr.length-1;
while(start < end){
int temp=arr[start];
arr[start] = arr[end];
arr[end] = temp;
start ++;
end --;
}
System.out.println(x:"reversed array");
for(int i=0; i <arr.length;i++){
System.out.print(arr[i] + " ");
}
}
}
PROBLEMS 5
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
g\Code\User\workspaceStorage\e69c3327493fe52c4cae45bdffcfd645\redhat.java\jdt_
reversed array
1018495716432
PS D:\Coorperate problems> ^C
PS D:\Coorperate problems>
PS D:\Coorperate problems> d:; cd 'd:\Coorperate problems'; & 'C:\Program Fil
g\Code\User\workspaceStorage\e69c3327493fe52c4cae45bdffcfd645\redhat.java\jdt_
reversed array
101 84 95 71 64 32
PS D:\Coorperate problems>
0 5
Java: Ready

12.Copy one array into another

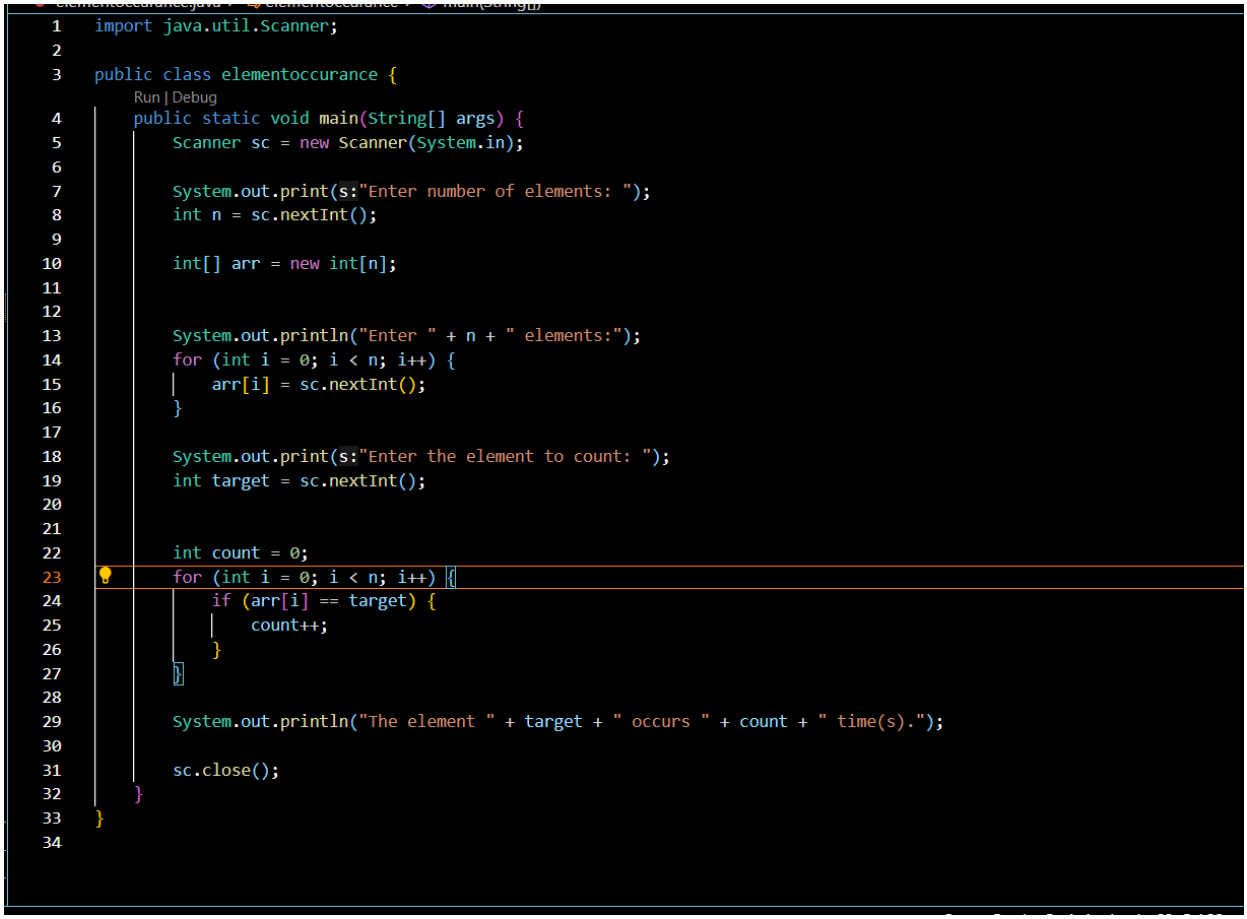


13.Search for an element (Linear Search)

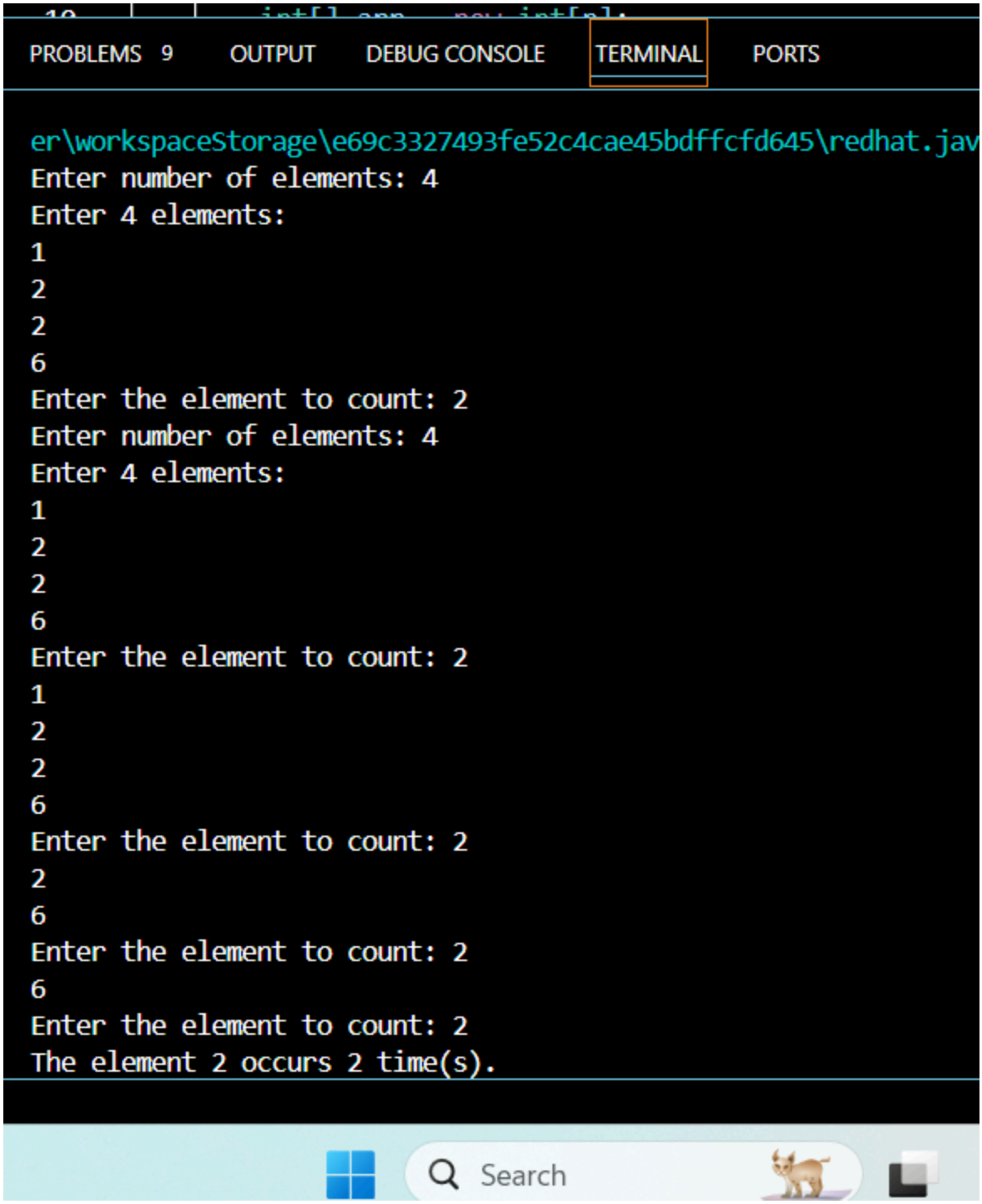
14.Check if array contains a value



15.Count occurrences of an element



```java
import java.util.Scanner;

public class elementoccurance {
    Run | Debug
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.print(s:"Enter number of elements: ");
        int n = sc.nextInt();

        int[] arr = new int[n];


        System.out.println("Enter " + n + " elements:");
        for (int i = 0; i < n; i++) {
            arr[i] = sc.nextInt();
        }

        System.out.print(s:"Enter the element to count: ");
        int target = sc.nextInt();


        int count = 0;
        for (int i = 0; i < n; i++) {
            if (arr[i] == target) {
                count++;
            }
        }

        System.out.println("The element " + target + " occurs " + count + " time(s).");

        sc.close();
    }
}

```


PROBLEMS 9
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
er\workspaceStorage\e69c3327493fe52c4cae45bdffcfd645\redhat.jav
Enter number of elements: 4
Enter 4 elements:
1
2
2
6
Enter the element to count: 2
Enter number of elements: 4
Enter 4 elements:
1
2
2
6
Enter the element to count: 2
1
2
2
6
Enter the element to count: 2
2
6
Enter the element to count: 2
6
Enter the element to count: 2
The element 2 occurs 2 time(s).
Search