Lec-6

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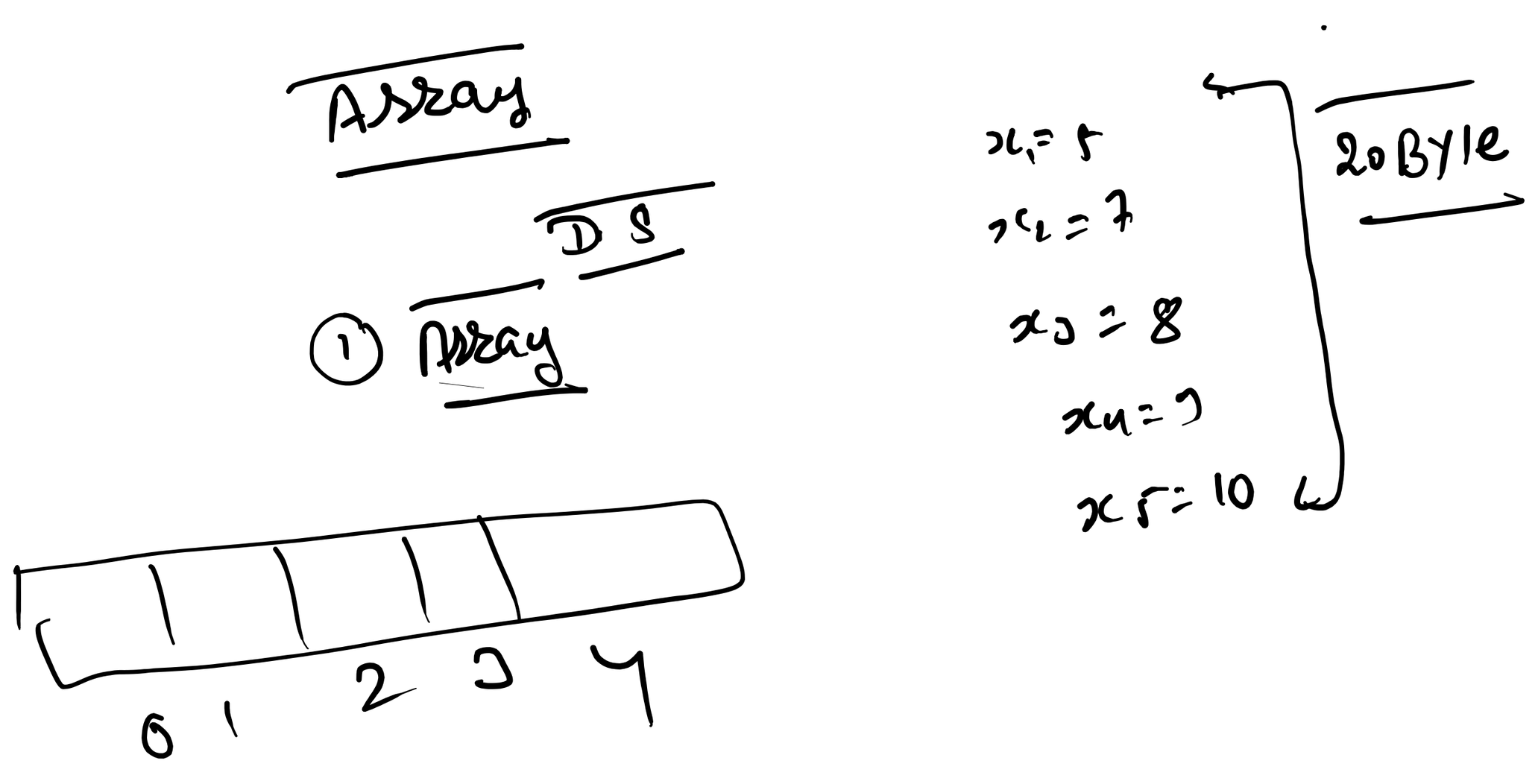
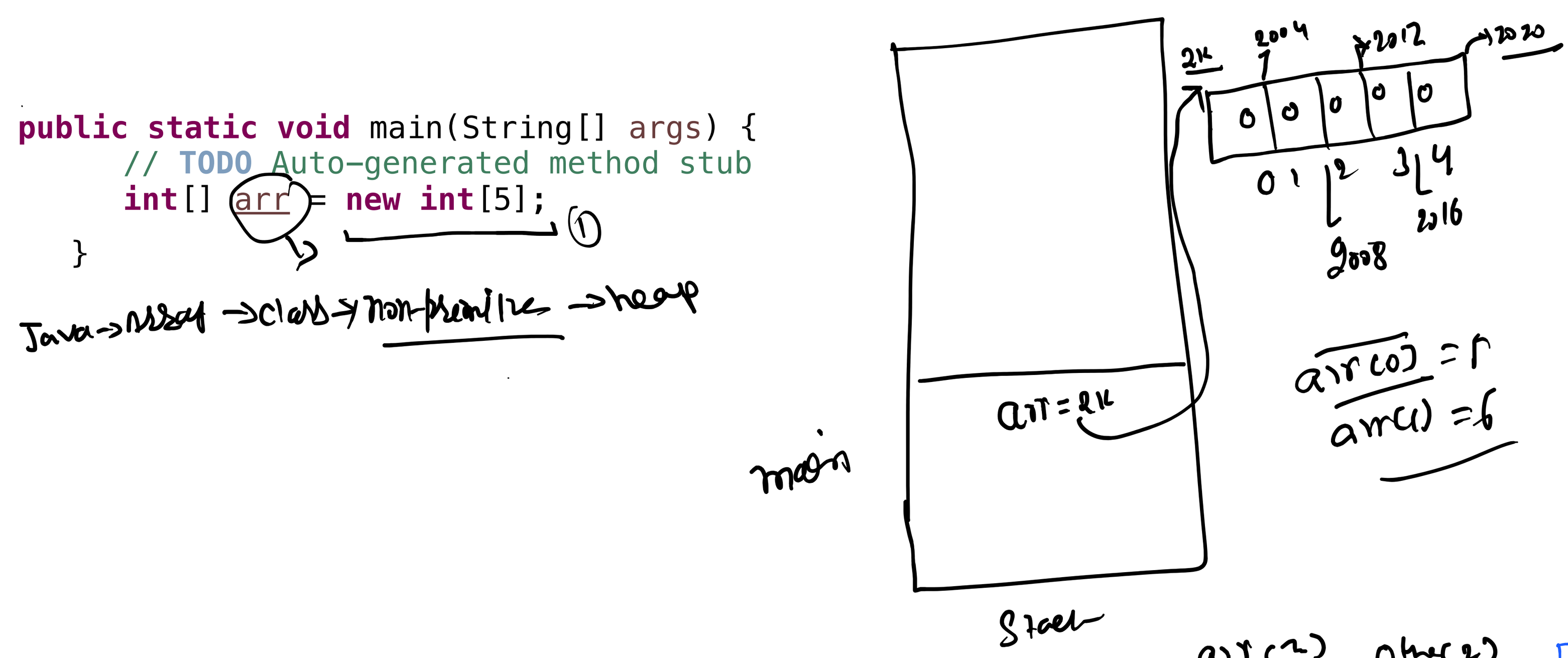
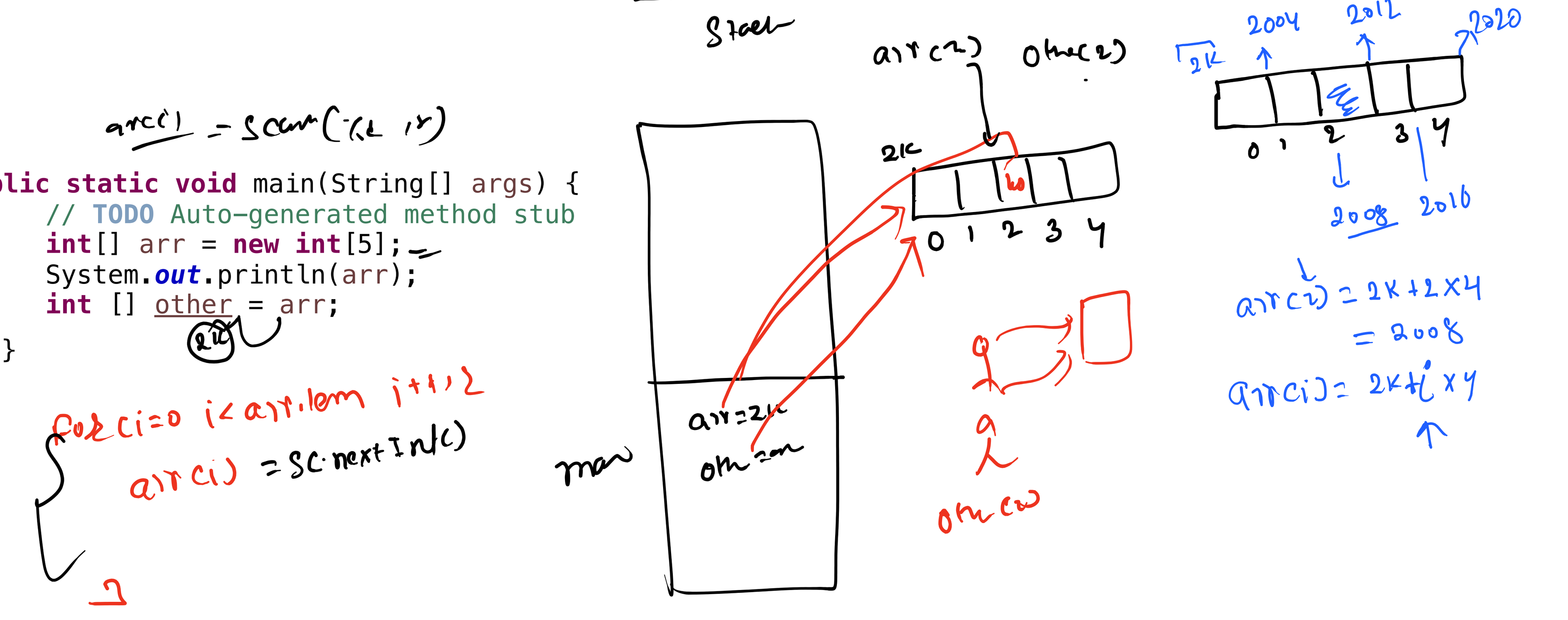


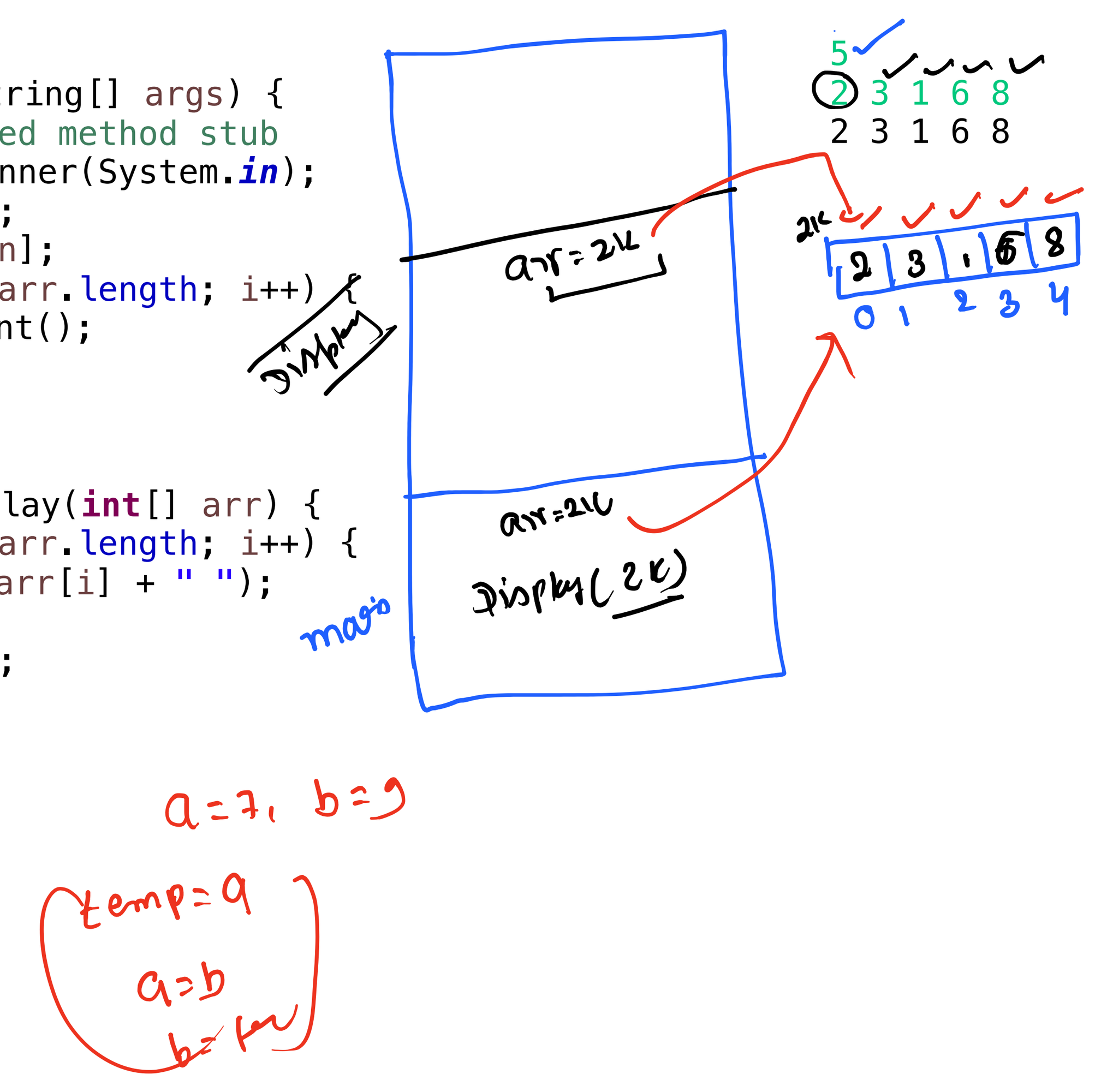

```java
public static void main(String[] args) {
      // TODO Auto-generated method stub
      int[] arr = new int[5];
   }
```



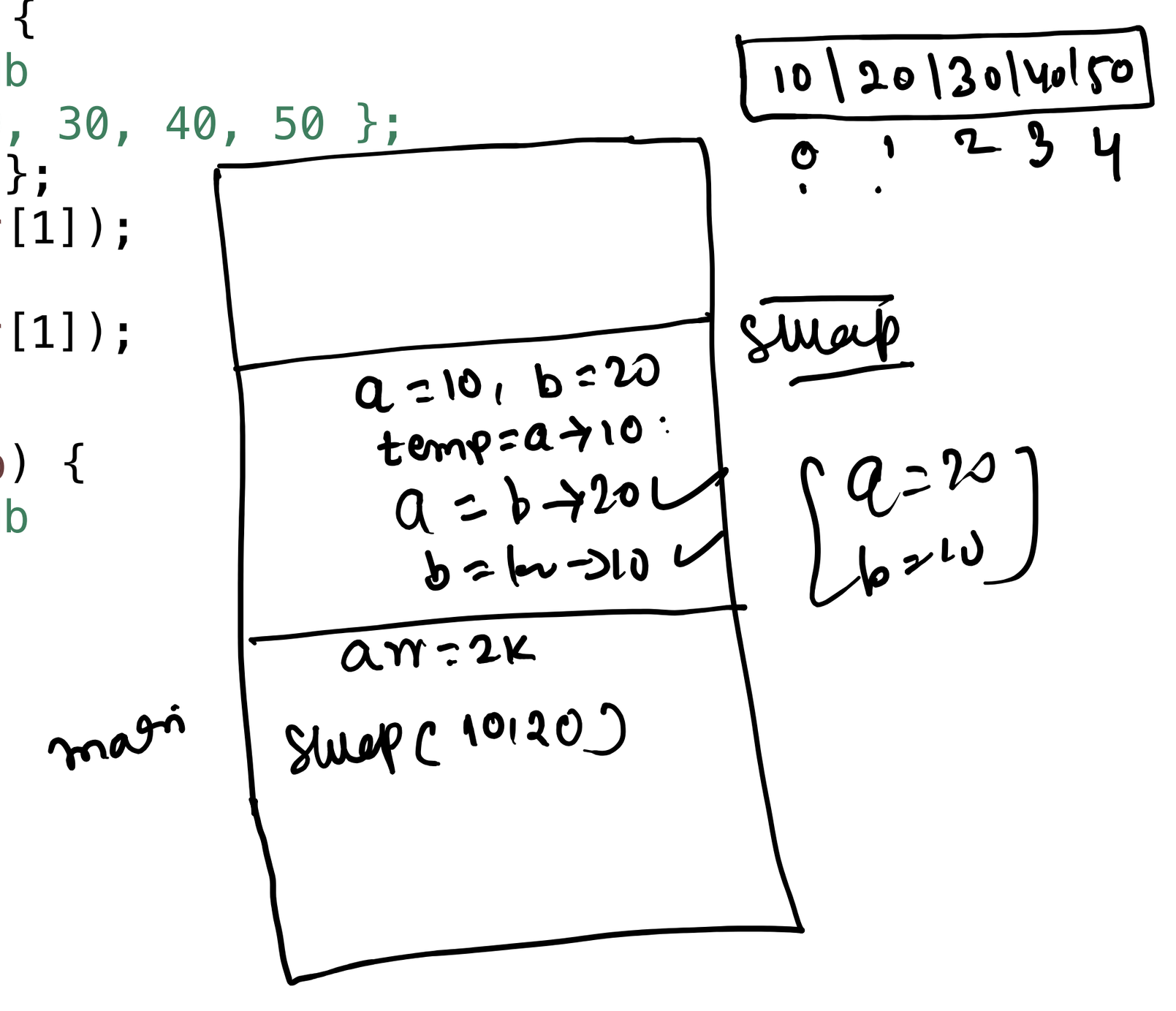

```java
public static void main(String[] args) {
      // TODO Auto-generated method stub
      int[] arr = new int[5];
      System.out.println(arr);
      int [] other = arr;
   }
```



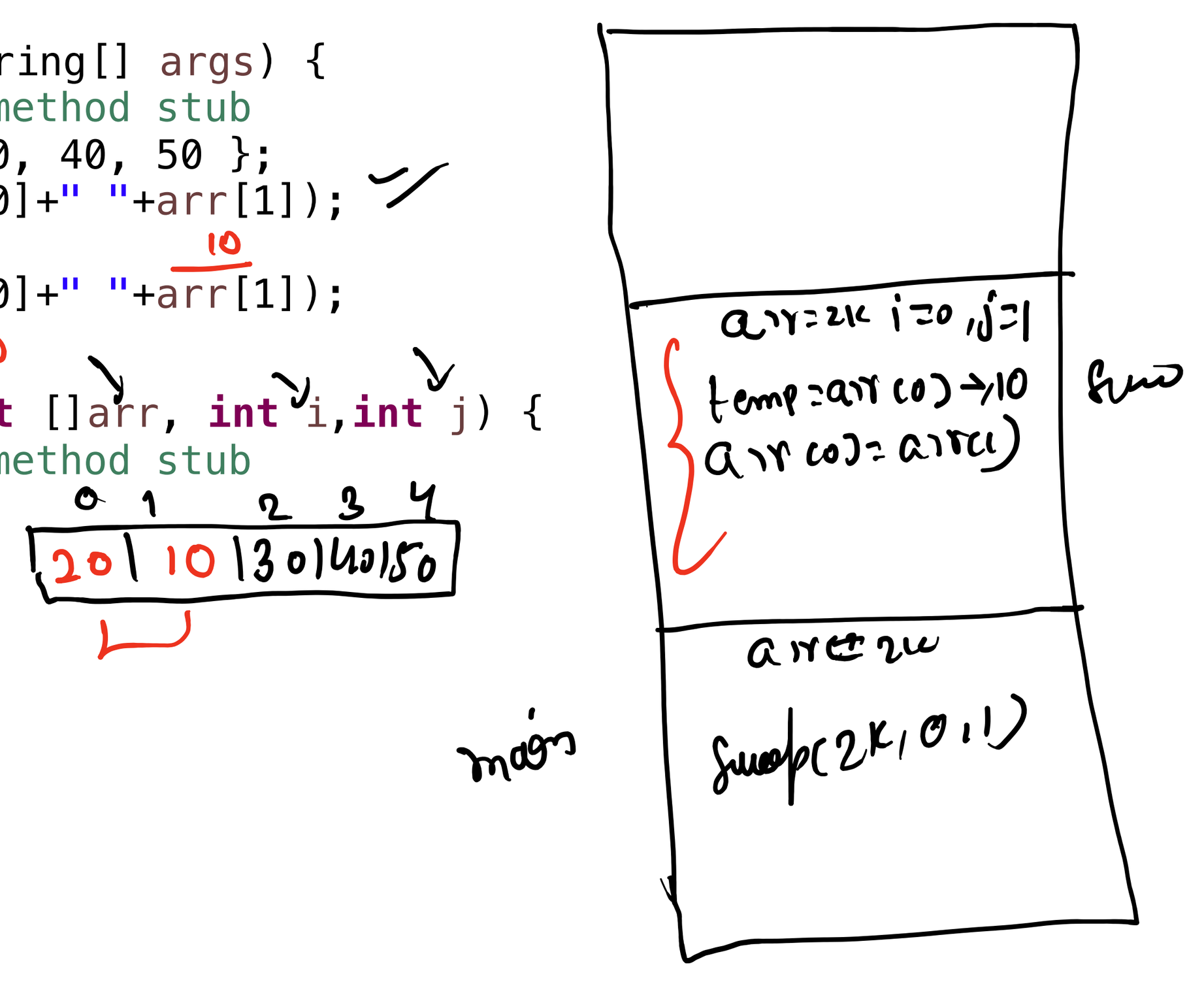
```java
public static void main(String[] args) {
      // TODO Auto-generated method stub
      Scanner sc = new Scanner(System.in);
      int n = sc.nextInt();
      int[] arr = new int[n];
      for (int i = 0; i < arr.length; i++) {
         arr[i] = sc.nextInt();
      }
      Display(arr);
   }

   public static void Display(int[] arr) {
      for (int i = 0; i < arr.length; i++) {
         System.out.print(arr[i] + " ");
      }
      System.out.println();
   }
```



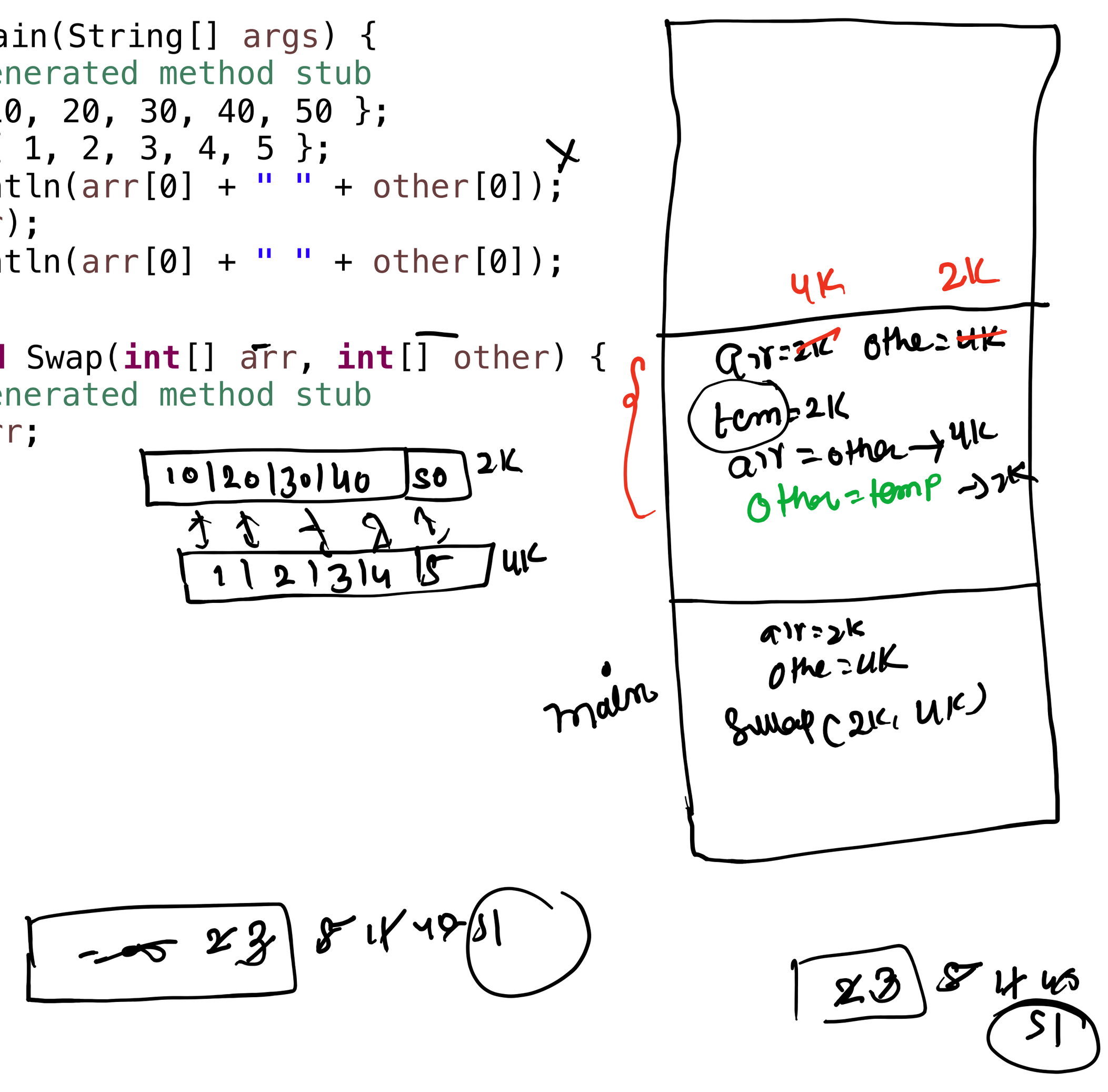
```java
public static void main(String[] args) {
      // TODO Auto-generated method stub
      // int[] arr = new int []{ 10, 20, 30, 40, 50 };
      int[] arr = { 10, 20, 30, 40, 50 };
      System.out.println(arr[0]+" "+arr[1]);
      Swap(arr[0], arr[1]);
      System.out.println(arr[0]+" "+arr[1]);
   }

   public static void Swap(int a, int b) {
      // TODO Auto-generated method stub
      int temp = a;
      a = b;
      b = temp;

   }
```



```java
public static void main(String[] args) {
    // TODO Auto-generated method stub
    int[] arr = { 10, 20, 30, 40, 50 };
    System.out.println(arr[0]+" "+arr[1]);
    Swap(arr,0,1);
    System.out.println(arr[0]+" "+arr[1]);
}

public static void Swap(int []arr, int i,int j) {
    // TODO Auto-generated method stub
    int temp = arr[i];
    arr[i] = arr[j];
    arr[j] = temp;
}
```



```java
public static void main(String[] args) {
      // TODO Auto-generated method stub
      int[] arr = { 10, 20, 30, 40, 50 };
      int[] other = { 1, 2, 3, 4, 5 };
      System.out.println(arr[0] + " " + other[0]);
      Swap(arr, other);
      System.out.println(arr[0] + " " + other[0]);
   }

   public static void Swap(int[] arr, int[] other) {
      // TODO Auto-generated method stub
      int[] temp = arr;
      arr = other;
      other = temp;

   }
```



```java
int[] arr = { 2, 3, 5, 1, 4, 11, 40, 52, 1, 15 };
```

```java
int[] arr = { 12, 45, 3, 6, 7, 9, 2 };
```