

$$\begin{array}{r} \overline{2 \ 5 \ 4 \ 3} \\ - \overline{5 \ 4 \ 3 \ 2} \\ \hline 1 \ 2 \ 5 \ 4 \ 3 \end{array} \quad \begin{array}{r} 1 \ 2 \ 5 \ 4 \ 3 \\ \hline 5 \ 4 \ 3 \ 2 \ 1 \end{array}$$

10 $\{em-1=4$

$$\begin{array}{r} 1 \ 0 \ 0 \ 0 \ 0 \\ - 2 \ 0 \ 0 \ 0 \\ \quad 3 \\ \quad 4 \ 0 \\ \quad 5 \ 0 \ 0 \\ \hline 1 \ 2 \ 5 \ 4 \ 3 \end{array} \quad \begin{array}{r} 1 \ 0 \ 0 \ 0 \ 0 \\ \hline 1 \ 0 \ 0 \ 0 \end{array}$$

① Int

$$\begin{array}{r} 9-9=0 \\ 9-6=3 \\ 9-4=5 \\ 9-2=7 \\ 9-1=8 \end{array} \quad \begin{array}{r} 9-9=0 \\ 9-7=2 \\ 9-4=5 \\ 9-2=7 \\ 9-1=8 \end{array} \quad \begin{array}{r} 9-5=4 \\ 9-4=5 \\ 9-2=7 \\ 9-1=8 \end{array}$$

$t = 8742$

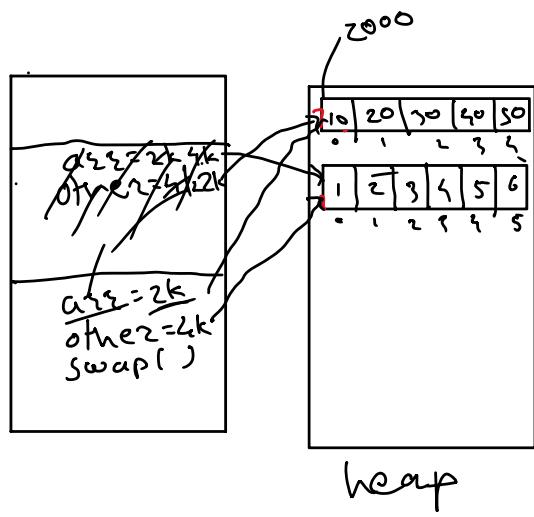
$$\begin{array}{l} 9-t = 0 < 9 \\ 9-t = 2 < 7 \\ 9-t = 5 < 4 \\ 9-t = 7 < 2 \end{array} \quad \begin{array}{r} 0 \ 2 \ 4 \ 2 \\ \hline 0 \ 2 \ 4 \ 2 \end{array}$$

```

public static void main(String[] args) {
    int [] arr = {10,20,30,40,50};
    int [] other = {1,2,3,4,5,6};
    Swap(arr, other);
    System.out.println(arr[0] + " " + arr[1]);
}
public static void Swap(int[] arr, int[] other){
    int[] temp = arr;
    arr = other;
    other = temp;
}

```

main



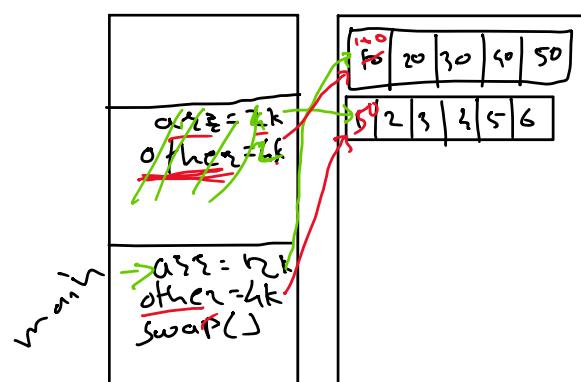
heap

```

public static void main(String[] args) {
    int [] arr = {10,20,30,40,50};
    int [] other = {1,2,3,4,5,6};
    Swap(arr, other);
    System.out.println(arr[0] + " " + arr[1]);
}
public static void Swap(int[] arr, int[] other){
    int[] temp = arr;
    arr = other;
    other[0] = 100;
    arr[0] = 50;
}

```

50 20 — S
100 20 — Adj
10 20 — A



swap

```
int [] arr = {10,20,30,40};
```



```

public static void main(String[] args) {
    int [] arr = {10,20,30,40};
    Swap(arr, 0,1);
    System.out.println(arr[0] + " " + arr[1]);
}
public static void Swap(int[] arr, int i , int j){
    int temp = arr[i];
    arr[i] = arr[j];
    arr[j] = temp;
}

```

