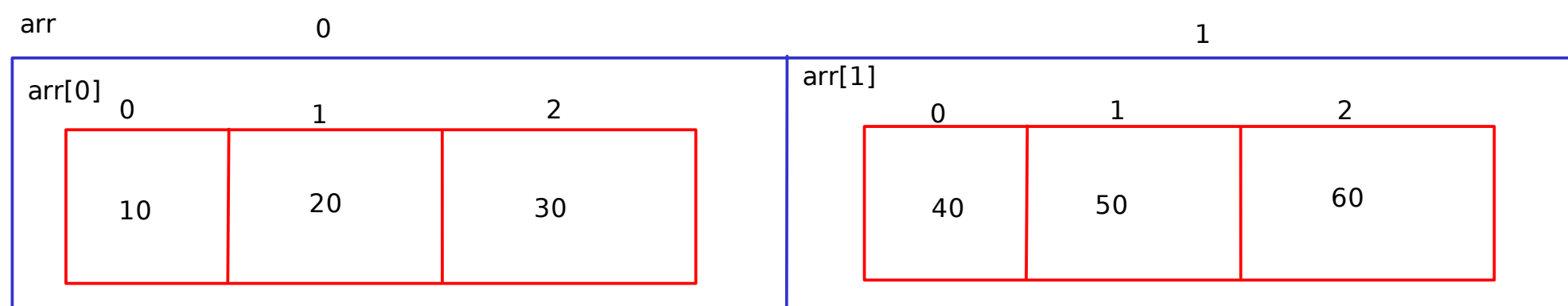


200

```
int arr[5];    arr[0] = 10; // 200[0]
               arr[1] = 20; //200[1]
               arr[2] = 30;
               arr[3] = 40;
               arr[4] = 50;
```

2D Array



int arr[2][3];

arr[0]

```
arr[0][0]= 10;
arr[0][1]= 20;
arr[0][2]= 30;
```

arr[1]

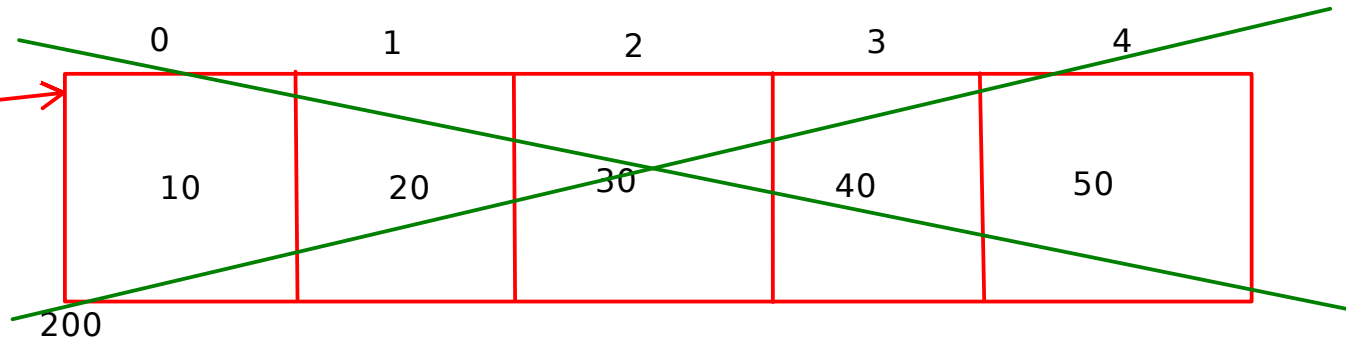
```
arr[1][0]= 40;
arr[1][1]= 50;
arr[1][2]= 60;
```

stack

heap



int *arr

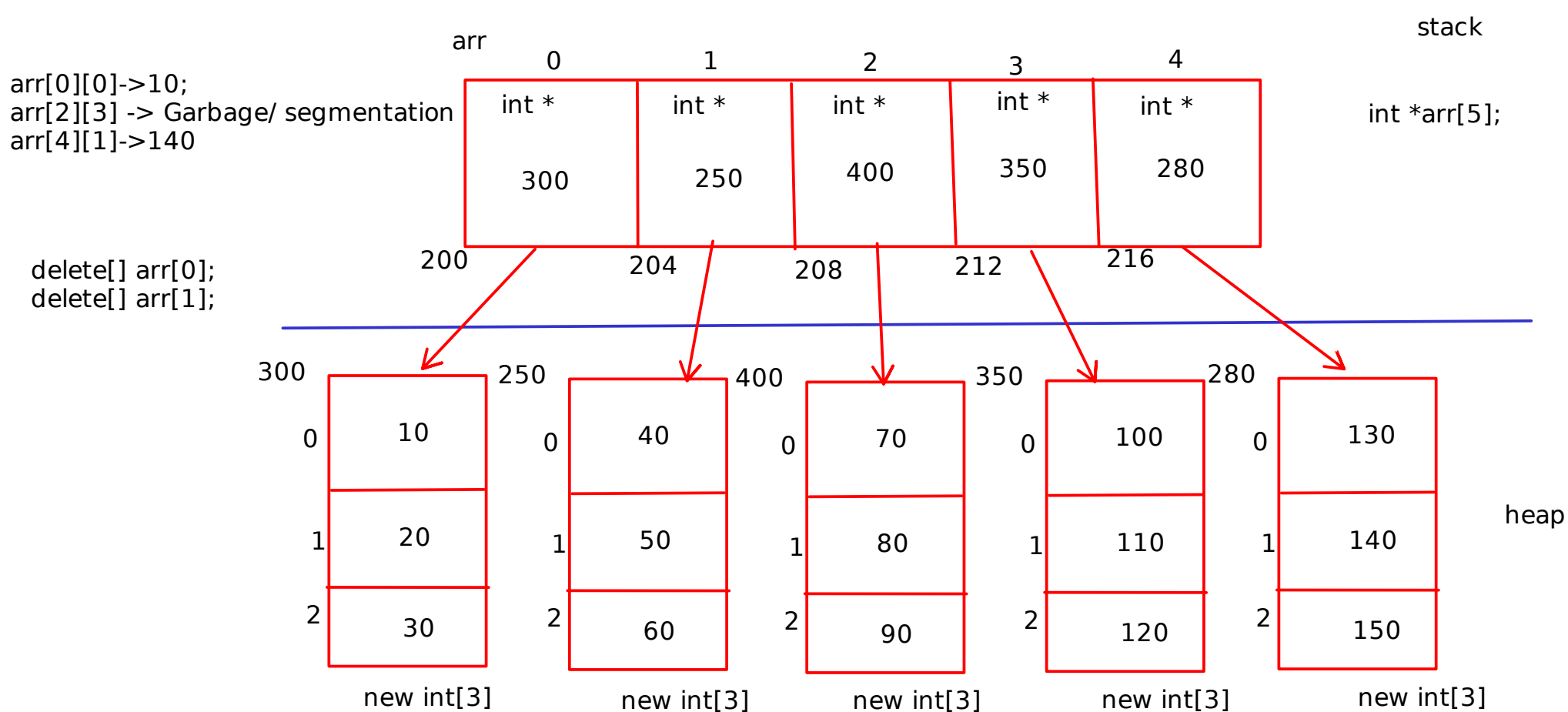
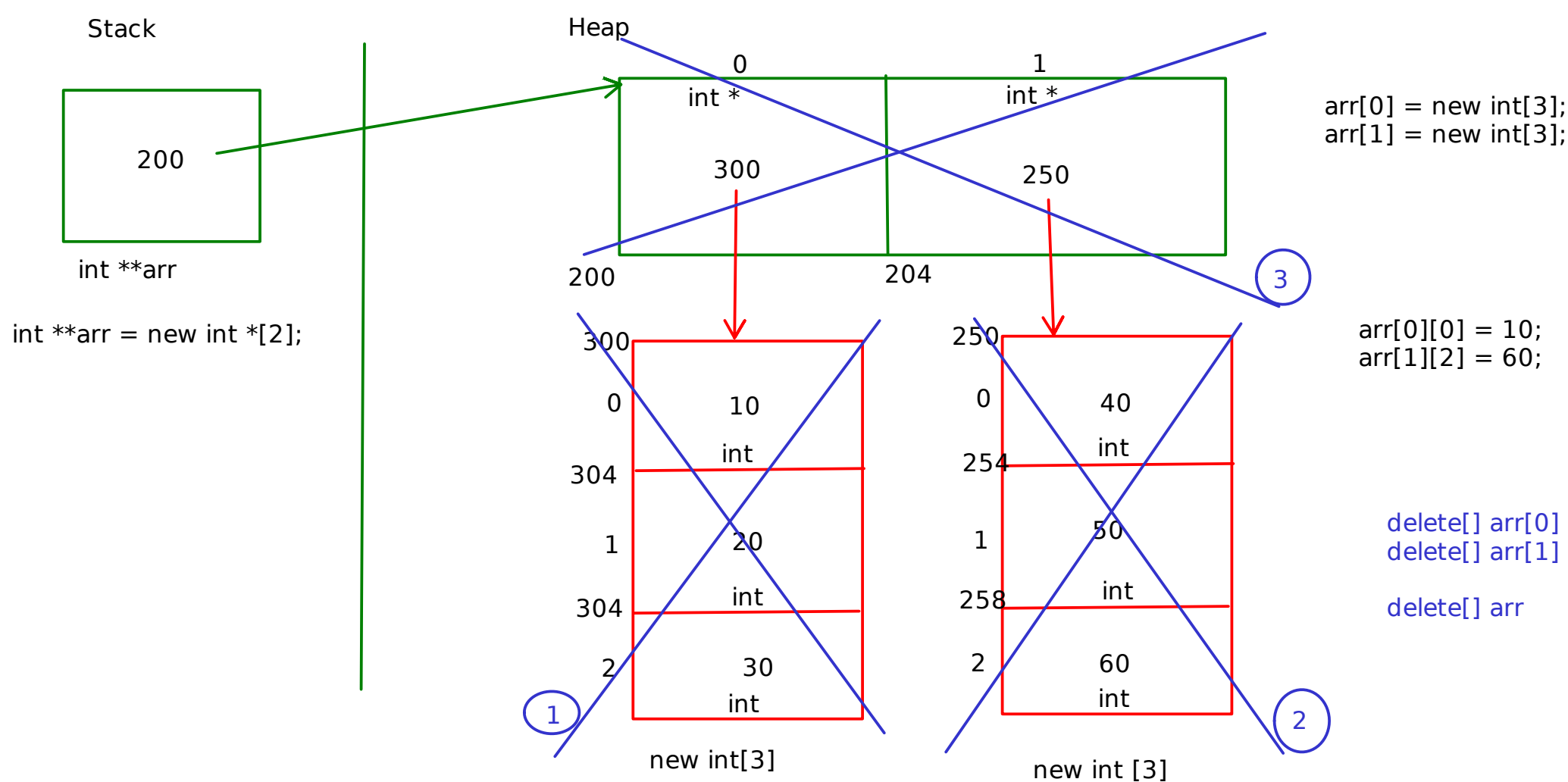


int *arr = new int[5];

new int[5];

arr[0]->200[0]

```
delete[] arr;
delete[] 200;
```



```

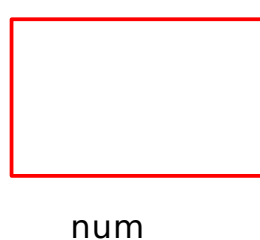
iint *ptr;

createArray(){
// dynamic memory
return new int[5];
}

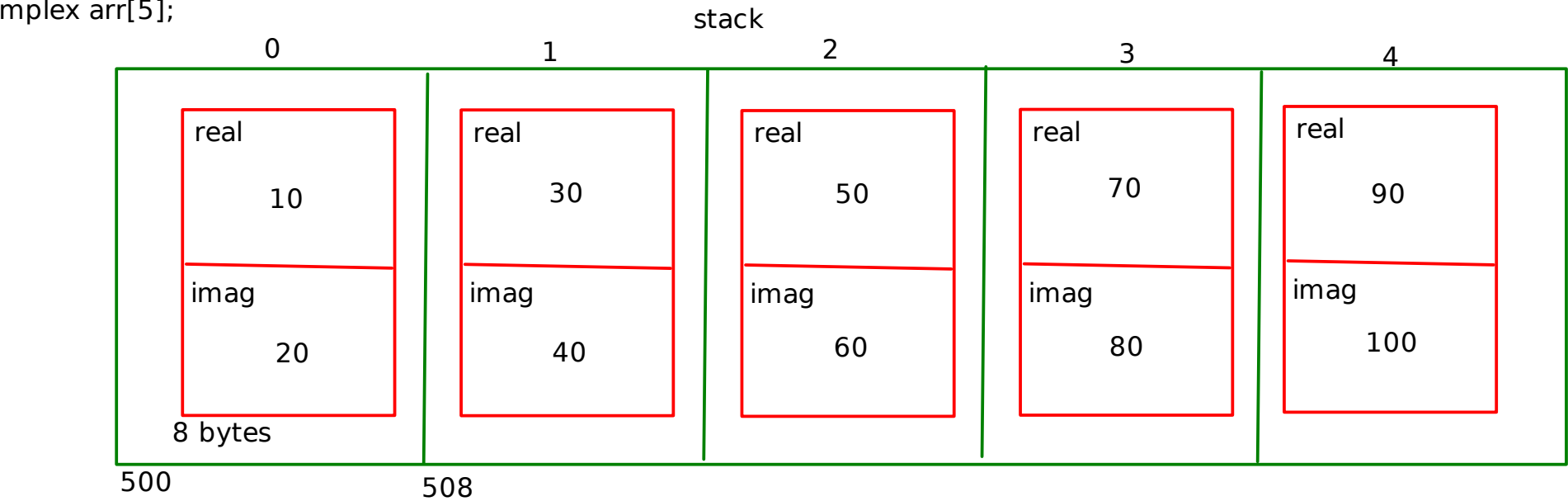
sortArray(){
ptr = createArray();

}

```



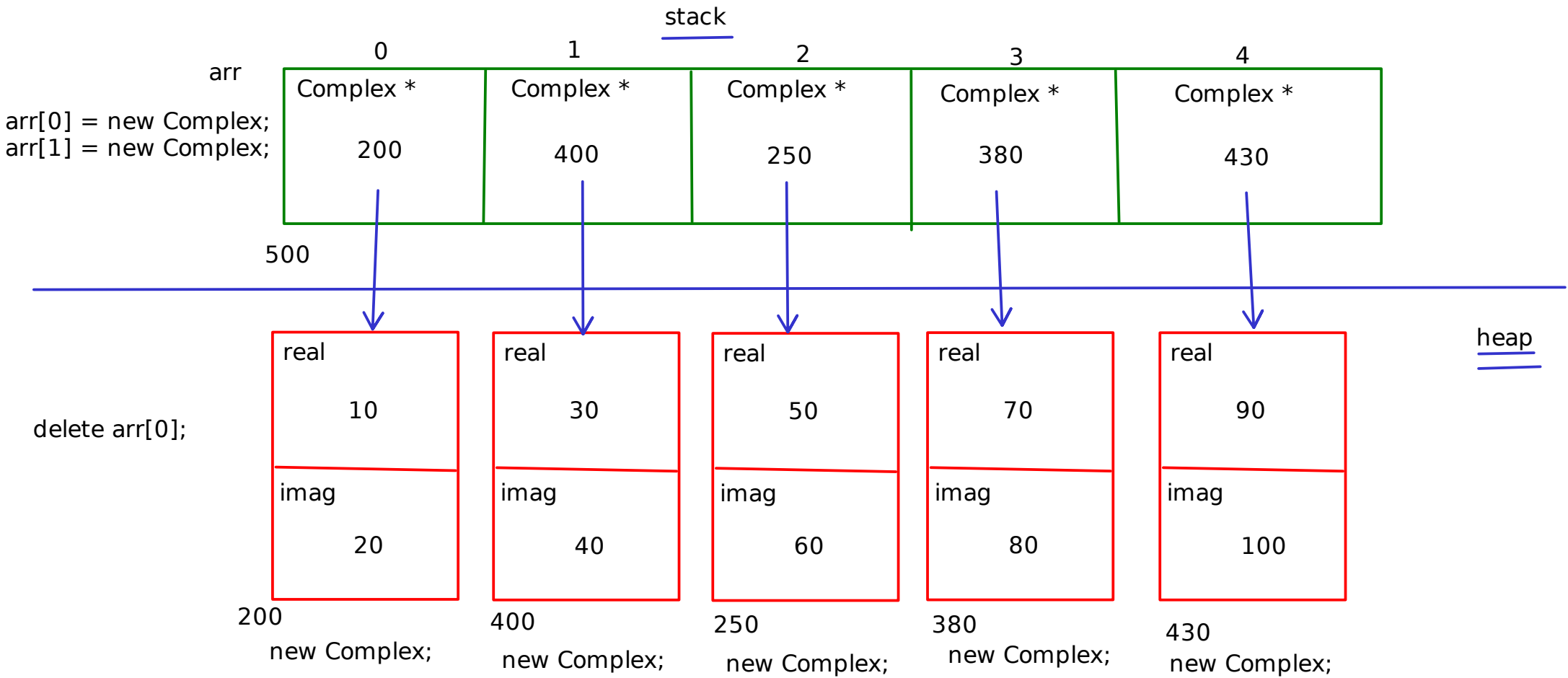
1) Array of Objects
Complex arr[5];



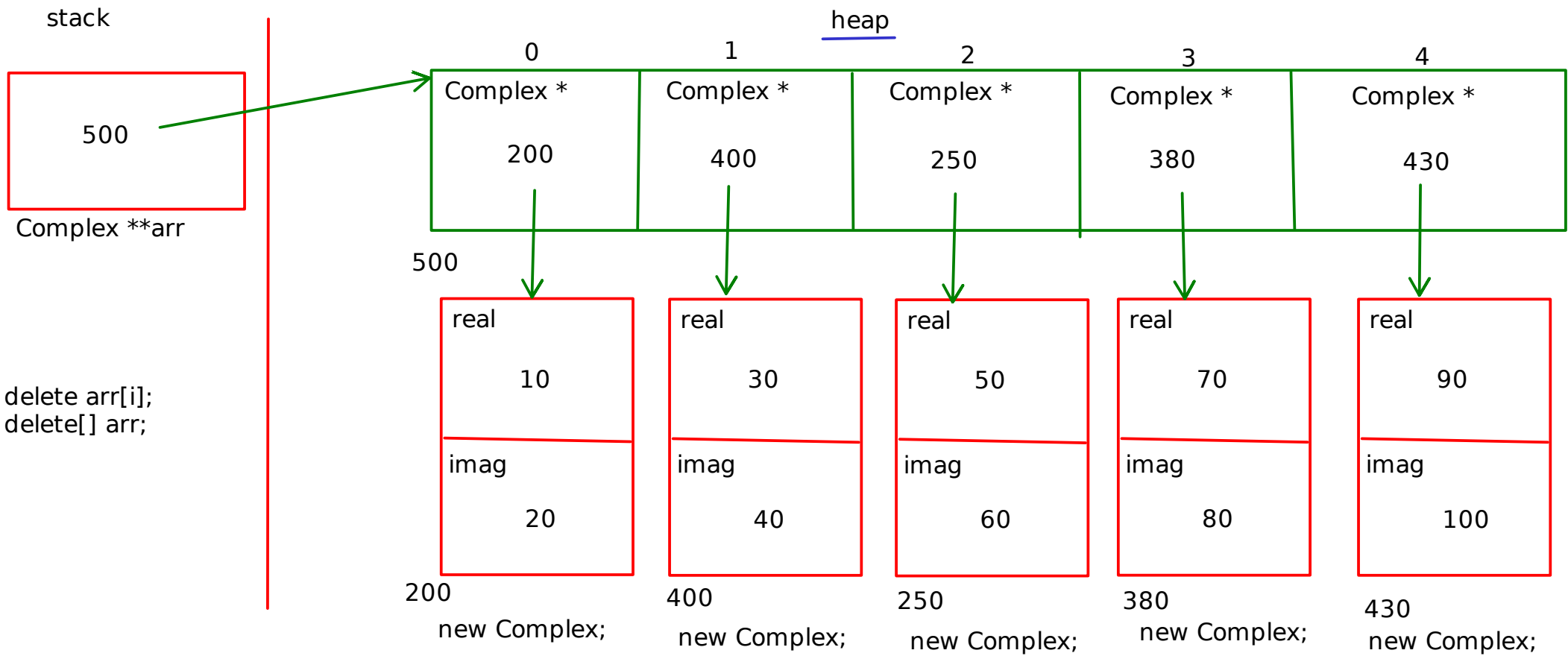
arr[0].

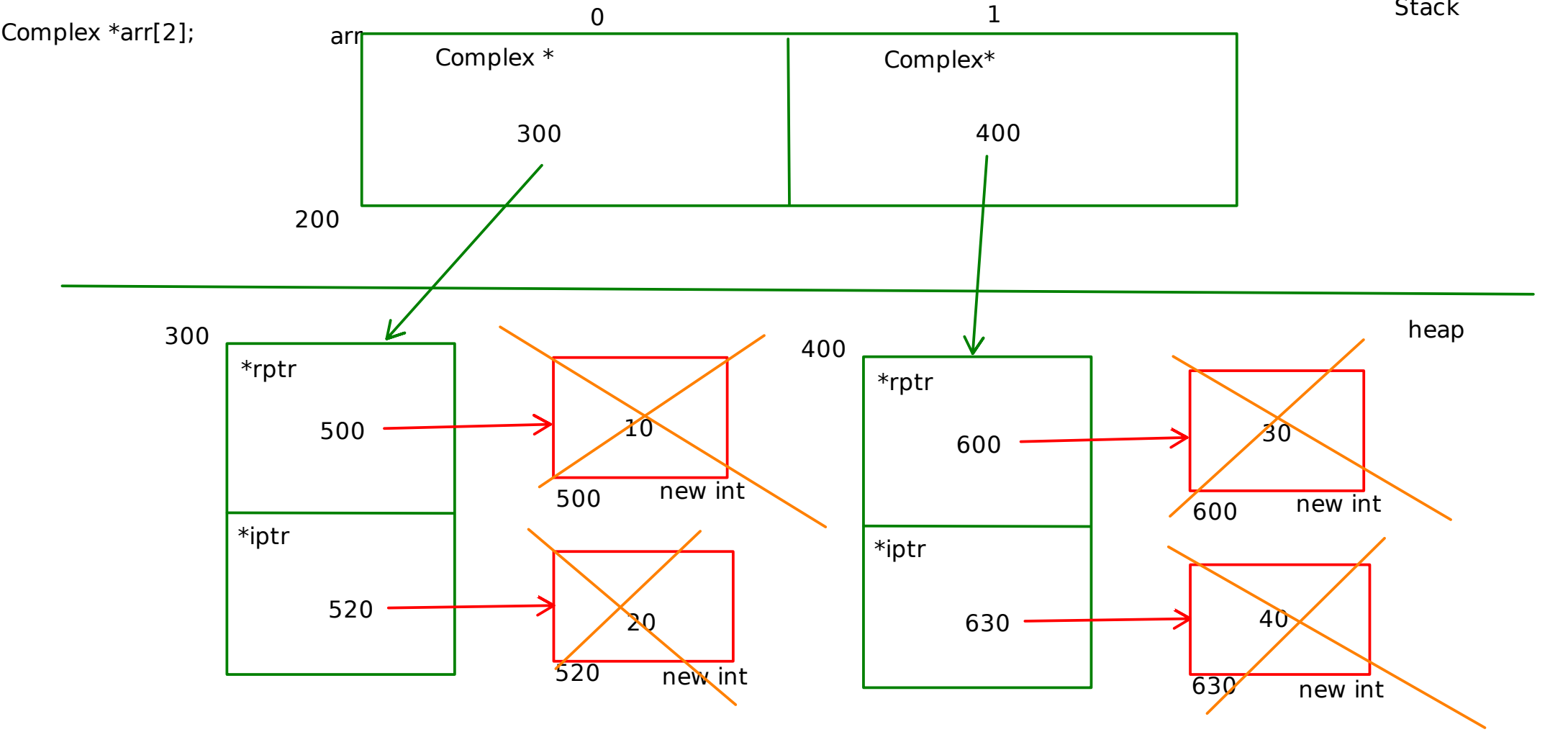
2) Array of dynamic objects

Complex *arr[5];



3) Complex **arr = new Complex*[5];





Complex arr[5]; -> Considering the demo12 complex class