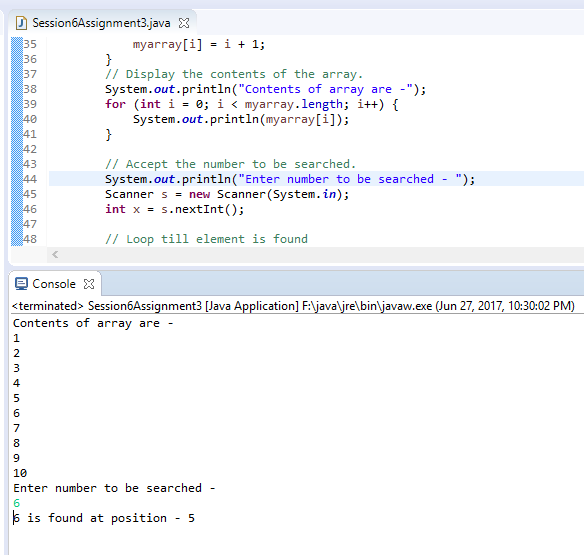
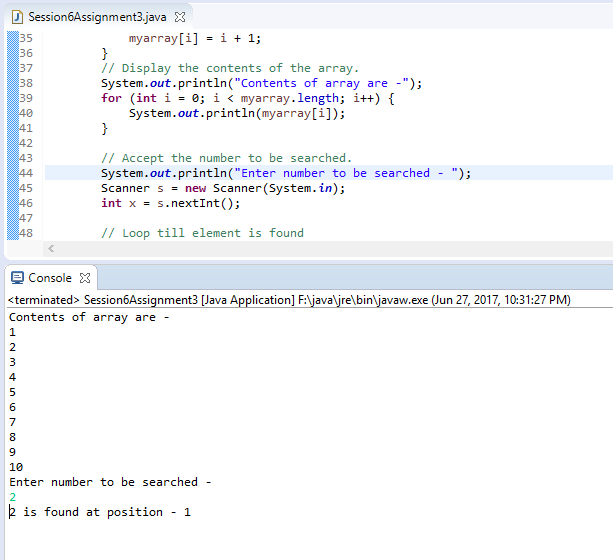
Case 1 – item in the right half of the array



Case 2 – Item in the left half of the array



Case 3 – Item not found

