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#include <stdio.h>
void insertionSortDescending(int arr[], int n) {
  int i, key, j;
  for (i = 1; i < n; i++) {
    key = arr[i];
    j = i - 1;
    while (j \ge 0 \&\& arr[j] < key) {
       arr[j + 1] = arr[j];
       j = j - 1;
    }
    arr[j + 1] = key;
  }
}
int binarySearchDescending(int arr[], int n, int x) {
  int low = 0, high = n - 1;
  while (low <= high) {
     int mid = (low + high) / 2;
     if (arr[mid] == x)
       return 1;
     else if (arr[mid] < x)
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high = mid - 1;
     else
       low = mid + 1;
  }
  return 0;
}
int main() {
  int n1, n2, x;
  scanf("%d", &n1);
  int labA[n1];
  for (int i = 0; i < n1; i++) {
    scanf("%d", &labA[i]);
  }
  scanf("%d", &n2);
  int labB[n2];
  for (int i = 0; i < n2; i++) {
    scanf("%d", &labB[i]);
  }
  scanf("%d", &x);
  int merged[n1 + n2];
  for (int i = 0; i < n1; i++) {
     merged[i] = labA[i];
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}
for (int i = 0; i < n2; i++) {
  merged[n1 + i] = labB[i];
}
int total = n1 + n2;
insertionSortDescending(merged, total);
for (int i = 0; i < total; i++) {
  printf("%d ", merged[i]);
}
printf("\n");
if (binarySearchDescending(merged, total, x)) {
  printf("Score %d is present in the list.\n", x);
} else {
  printf("Score %d is not present in the list.\n", x);
}
return 0;
```

}