```
#include <stdio.h>
int binarySearch(int arr[], int left, int right, int element) {
  while (left <= right) {
     int mid = left + (right - left) / 2;
     if (arr[mid] == element) {
       return mid;
     if (arr[mid] < element) {</pre>
       left = mid + 1;
     }
     else {
       right = mid - 1;
     }
  return -1;
int main() {
  int array[] = {12, 24, 36, 48, 60, 72, 84};
  int size = sizeof(array) / sizeof(array[0]);
  int searchElement;
  printf("Enter the element to search: ");
  scanf("%d", &searchElement);
  int result = binarySearch(array, 0, size - 1, searchElement);
  if (result != -1) {
     printf("Element %d found at index %d.\n", searchElement, result);
  } else {
     printf("Element %d not found in the array.\n", searchElement);
  }
  return 0;
}
```

Enter the element to search: 90 Element 90 not found in the array.