**Write a program to perform binary search**

#include <stdio.h>

int binaryScr(int a[], int low, int high, int m)

{

if (high >= low) {

int mid = low + (high - low) / 2;

if (a[mid] == m)

return mid;

if(a[mid] > m)

return binaryScr(a, low, mid - 1, m);

return binaryScr(a, mid + 1, high, m);

}

return -1;

}

int main(void)

{

int a[] = { 12, 13, 21, 36, 40 };

int i,m;

for(i=0;i<5;i++)

{

printf(" %d",a[i]);

}

printf(" n");

int n = sizeof(a) / sizeof(a[0]);

printf("Enter the number to be searchedn");

scanf("%d", &m);

int result = binaryScr(a, 0, n - 1, m);

(result == -1) ? printf("The element is not present in array")

return 0;

}

