

C programming questions and answers

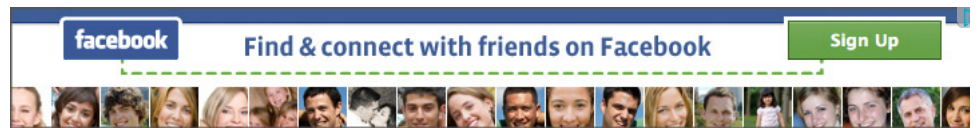
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BINARY SEARCH USING C PROGRAM

1. Write a simple code for binary search in c programming language
2. Wap a c program to search an element in an array using binary

```
#include<stdio.h>
int main() {

    int a[10],i,n,m,c=0,l,u,mid;

    printf("Enter the size of an array: ");
    scanf("%d",&n);

    printf("Enter the elements in ascending order: ");
    for(i=0;i<n;i++){
        scanf("%d",&a[i]);
    }

    printf("Enter the number to be search: ");
    scanf("%d",&m);

    l=0,u=n-1;
    while(l<=u) {
```

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C PROGRAMMING QUESTIONS AND ANSWER

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MY HEADLINES

```

mid=(l+u)/2;
if(m==a[mid]){
    c=1;
    break;
}
else if(m<a[mid]){
    u=mid-1;
}
else
    l=mid+1;
}
if(c==0)
    printf("The number is not found.");
else
    printf("The number is found.");

return 0;
}

```

Sample output:
Enter the size of an array: 5
Enter the elements in ascending order: 4 7 8 11 21
Enter the number to be search: 11
The number is found.

1. Write a c program for linear search.
2. Write a c program for binary search.
3. Write a c program for binary search using recursion.
4. Big list of c program examples



29 comments:

Anonymous said...

not working
11/25/09 2:27 PM

Anonymous said...

Hello friend ur program is working sucessfully. Thanks for it.
11/27/09 8:05 PM

Anonymous said...

cud u put some comments 2 make it easier 2 undrstand
12/3/09 8:05 PM

JOY said...

thanx bro!!! u got a good hand in C!!!!!!!
6/30/10 3:00 PM

Anonymous said...

please put some comments
10/28/10 9:04 PM

Anonymous said...

thanks
11/15/10 8:10 PM

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e priya said...

hey i need a program for graphical representation of binary search in c
12/8/10 9:58 PM

Anonymous said...

hey can i get a program of queue in c using graphic.c
12/19/10 9:06 PM

e harnish said...

Good Job
4/10/11 6:34 PM

Anonymous said...

it saves our time thanx
4/22/11 12:23 AM

Anonymous said...

lucky guy
5/22/11 2:57 PM

Anonymous said...

only works if input array is already sorted
6/9/11 1:33 PM

Anonymous said...

seccondly ..for $m < a[mid]$ { $u = mid - 1$; the loop will go infinte
6/9/11 9:30 PM

Anonymous said...

sorry it wont go infinite..
6/9/11 9:31 PM

Anonymous said...

I think $l < u$ would be correct
6/9/11 9:43 PM

Anonymous said...

It is not working.....
7/4/11 3:31 PM

Anonymous said...

can show us it's algorithm as well as flowchart.
7/22/11 2:07 PM

Anonymous said...

good work
8/12/11 8:27 PM

Anonymous said...

for searching,array must be sorted
8/23/11 8:56 PM


```
else
{
h[i].code=h[i-2].code+n2;
n2=n2*10;
}
}
printf("Huffman code");
printf("\nchar\tfreq\tcode");
for(i=0;i<n;i++)
{
printf("\n%s\t%d\t%d\n",h[i].data,h[i].freq,h[i].code);
}
getch();
}
```

1/7/12 5:37 PM

Rohit said...

cud u pls do d programs fo findin hcf & lcm ?

1/7/12 7:17 PM

debojyoti said...

good one.....

1/11/12 12:24 PM

Anonymous said...

Yup it should always be in ascending order.

1/24/12 11:31 PM

Unknown said...

thanxbut pls put commands....sir

3/5/12 10:59 PM

sandeep kumar said...

so many closed braces but only one open brace...how ca it work!!!

4/18/12 8:06 PM

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Language: ▼

```
#include <stdio.h>
int main(int argc, char *argv[])
{
    return 0;
}
```

Private [?](#) Run code

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Error 106 (net::ERR_INTERNET_DISCONNECTED): The Internet connection has been lost.

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