

```
#include <iostream.h>
#include <conio.h>
const int N = 10;
int Search(int List[], int l, int r, int k){
    int m;
    if (l > r) return -1;
    else{
        m = (l+r)/2;
        if(k==List[m]) return m;
        else if (k < List[m]) return Search(List,l,m-1,k);
        else return Search(List,m+1,r,k);
    }
}

void main(){
    int A[N]= {10,13,17,18,25,32,45,67,86,93};
    int k= 55;
    int r = Search(A,0,N-1,k);
    if (r == -1)
        cout<< "Not Found";
    else
        cout<< "Found at: " << r;
    getch();
}
```