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OWE1.C ==
#include<stdio.h>
int binarysearch(int array[], int x, int low, int high)
while (low<= high)
int mid= low+(high-low)/ 2;
if (array[mid]==x)
return mid;
if (array[mid]( x)
low=mid+1;
else
high=mid-1;
return -1;
* 1:2 - 1
                                 Message
Compiling QWE1.C:
Linking .. \SOURCE\QWE1.EXE:
        Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make
F1 Help
```

```
UWLI.C
return -1;
int main (void)
int array[]={3,4,5,6,7,8,9};
int n= sizeof(array)/ sizeof(array[0]);
lint x=4;
int result= binarysearch(array, x, 0, n-1);
if (result==-1)
printf("Not found");
else
printf("Element is found at the index zd", result);
return 0;
```