


OnlineGDB beta

online compiler and debugger for c/c++

Welcome, **Kailash Ramesh** 

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Language C 

main.c

```
47 {
48 int mid = (beg + end) / 2;
49 mergeSort(a, beg, mid);
50 mergeSort(a, mid + 1, end);
51 merge(a, beg, mid, end);
52 }
53 }
54 /* Function to print the array */
55 void printArray(int a[], int n)
56 {
57 int i;
58 for (i = 0; i < n; i++)
59 printf("%d ", a[i]);
60 printf("\n");
61 }
62 int main()
63 {
64 int a[] = { 12, 31, 25, 8, 32, 17, 40, 42 };
65 int n = sizeof(a) / sizeof(a[0]);
66 printf("Before sorting array elements are - \n");
67 printArray(a, n);
68 mergeSort(a, 0, n - 1);
69 printf("After sorting array elements are - \n");
70 printArray(a, n);
71 return 0;
72 }
```



input

```
Before sorting array elements are -
12 31 25 8 32 17 40 42
After sorting array elements are -
8 12 17 25 31 32 40 42

...Program finished with exit code 0
Press ENTER to exit console.
```

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