```
entry:

%run.addr = alloca 1
store %run , %run.addr
call @Initarr
call getelementptr inbounds ([5001 x i32], [5001 x i32]* @sortlist, i64 0, i64 0) , 1 , 5000 , @Quicksort
%0 = load getelementptr inbounds ([5001 x i32], [5001 x i32]* @sortlist, i64 0, i64 1)
%1 = load @littlest
%cmp = icmp %0 , %1
br %cmp , %lor.lhs.false , %if.then
```

```
lor.lhs.false:

%2 = load getelementptr inbounds ([5001 x i32], [5001 x i32]* @sortlist, i64 0, i64 5000)
%3 = load @biggest
%cmp1 = icmp %2 , %3
br %cmp1 , %if.end , %if.then
```

```
if.then:

%call = call getelementptr inbounds ([18 x i8], [18 x i8]* @.str, i64 0, i64 0) , @printf
br %if.end
```

```
if.end:

%4 = load %run.addr
%add = add %4 , 1
%idxprom = sext %add
%arrayidx = getelementptr @sortlist , 0 , %idxprom
%5 = load %arrayidx
%call2 = call getelementptr inbounds ([4 x i8], [4 x i8]* @.str.1, i64 0, i64 0) , %5 , @printf
ret
```