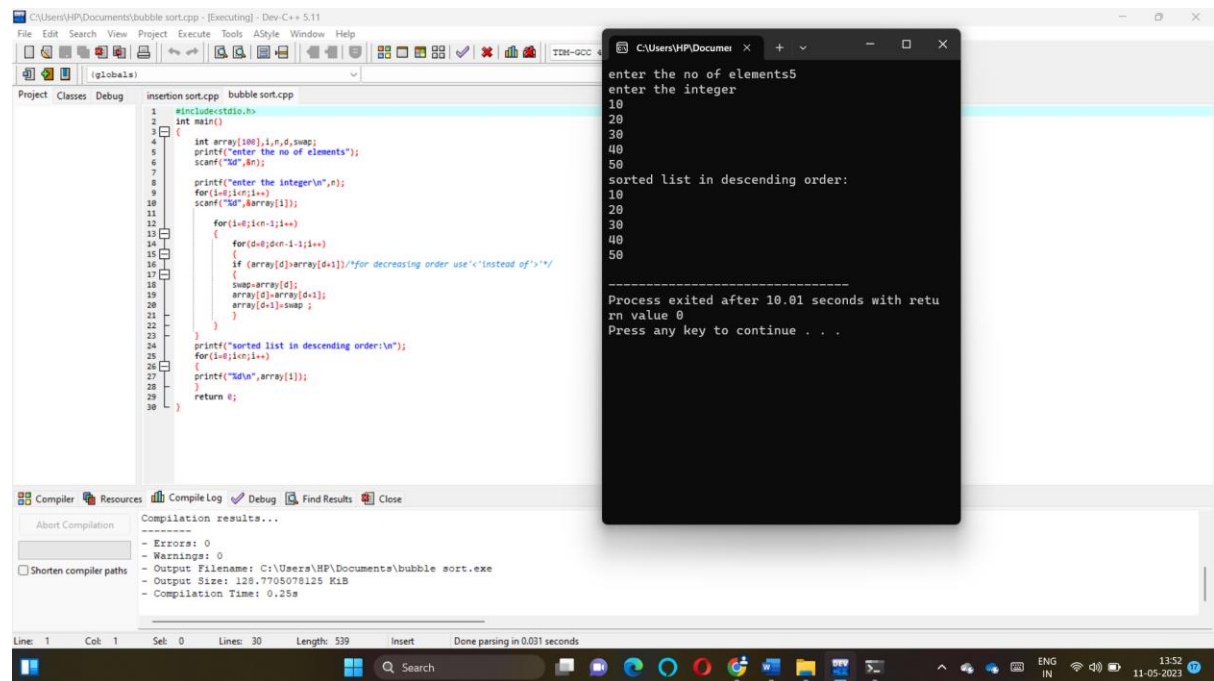


NAME:P.HARI HASSAN

REG:NO:192210633

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1.C PROGRAMM FOR BUBBLE SORT



The screenshot displays a C++ IDE with a project named 'bubble sort.cpp'. The code implements a bubble sort algorithm for descending order. It includes `<stdio.h>` and defines a `main` function. The program prompts the user to enter the number of elements (5) and the integers (10, 20, 30, 40, 50). It then prints the sorted list in descending order: 10, 20, 30, 40, 50. The program exits after 10.01 seconds with a return value of 0.

```
1 #include<stdio.h>
2 int main()
3 {
4     int array[100], i, n, d, swap;
5     printf("enter the no of elements");
6     scanf("%d", &n);
7
8     printf("enter the integer\n", n);
9     for(i=0; i<n; i++)
10         scanf("%d", &array[i]);
11
12     for(i=0; i<n-1; i++)
13     {
14         for(d=0; d<n-1-i; d++)
15         {
16             if (array[d]>array[d+1])/*for decreasing order use "<" instead of ">"*/
17             {
18                 swap=array[d];
19                 array[d]=array[d+1];
20                 array[d+1]=swap;
21             }
22         }
23     }
24     printf("sorted list in descending order:\n");
25     for(i=0; i<n; i++)
26     {
27         printf("%d\n", array[i]);
28     }
29     return 0;
30 }
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Documents\bubble sort.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.25s

enter the no of elements5
enter the integer
10
20
30
40
50
sorted list in descending order:
10
20
30
40
50

Process exited after 10.01 seconds with return value 0
Press any key to continue . . .