```
Logs & others

✓ Code::Blocks X 

Search results X 

Cccc X 

Build log X 

Build messages X
Start here X insertion sort2.c X
           #include <stdio.h>
      1
      2
           #include <stdlib.h>
      3
           #include <time.h>
      4
      5
           int main()
      6
          □ {
      7
               int n=10, i, j, temp,c;
      8
               int arr[10];
      9
               printf("<---->\n");
     10
               printf("Genrating random nos.:\n");
     11
               srand(time(0));
     12
     13
             for (c = 0; c < n; c++)
     14
     15
               arr[c]=rand()%100 +1;
     16
               printf("%d\n",arr[c]);
     17
     18
               clock t begin = clock();
     19
               for (i = 1; i < n; i++)
     20
     21
                   j = i;
     22
                        while ( j > 0 && arr[j-1] > arr[j])
     23
     24
                                    = arr[j];
                            temp
     25
                            arr[j] = arr[j-1];
     26
                            arr[j-1] = temp;
     27
                            j--;
     28
     29
     30
               printf("Sorted list in ascending order:\n");
     31
               for (i = 0; i <= n - 1; i++)
     32
     33
                   printf("%d\n", arr[i]);
     34
     35
               clock t end = clock();
     36
             double time spent = (double)(end - begin) / CLOCKS PER SEC;
     37
             printf("\n\nEXECUTION TIME : %.10fseconds\n", time spent);
     38
     39
               return 0;
     40
     41
```

```
ocks X  Search results X  Cocc X  Build log X  Build messages >
  "C:\web developement(html.css.js)\insertion sort2.exe"
     ----INSERTION SORT---->
 Genrating random nos.:
 83
 10
 48
 42
 12
 90
 50
 21
 Sorted list in ascending order:
 10
 12
 21
 42
 48
 50
 83
 90
 EXECUTION TIME : 0.0000000000seconds
 Process returned 0 (0x0) execution time : 1.878 s
 Press any key to continue.
```