

C:\Users\Pardhu\Documents\mod3.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

```
mod3.cpp
1  #include <stdio.h>
2  #include <string.h>
3
4  void swap(char* x, char* y)
5  {
6      char temp;
7      temp = *x;
8      *x = *y;
9      *y = temp;
10 }
11 void permute(char* a, int l, int r)
12 {
13     int i;
14     if (l == r)
15         printf("%s\n", a);
16     else {
17         for (i = l; i <= r; i++) {
18             swap((a + l), (a + i));
19             permute(a, l + 1, r);
20             swap((a + l), (a + i));
21         }
22     }
23 }
24
25 main()
26 {
27     char str[20];
28     printf("Enter a number : ");
29     scanf("%s", &str);
30     int n = strlen(str);
31     permute(str, 0, n - 1);
32 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

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- Errors: 0  
- Warnings: 0  
- Output Filename: C:\Users\Pardhu\Documents\mod3.exe  
- Output Size: 128.83203125 KiB  
- Compilation Time: 0.44s

Line: 33 Col: 1 Sel: 0 Lines: 33 Length: 480 Insert Done parsing in 0.094 seconds

C:\Users\Pardhu\Documents\mod3.exe

Enter a number : 143

143

134

413

431

341

314

-----  
Process exited after 25.7 seconds with return value 0

Press any key to continue . . .