

Fundamentos de Programación



NRC: 200274

Horario: Martes y Jueves de 11:00 AM a 12:55PM

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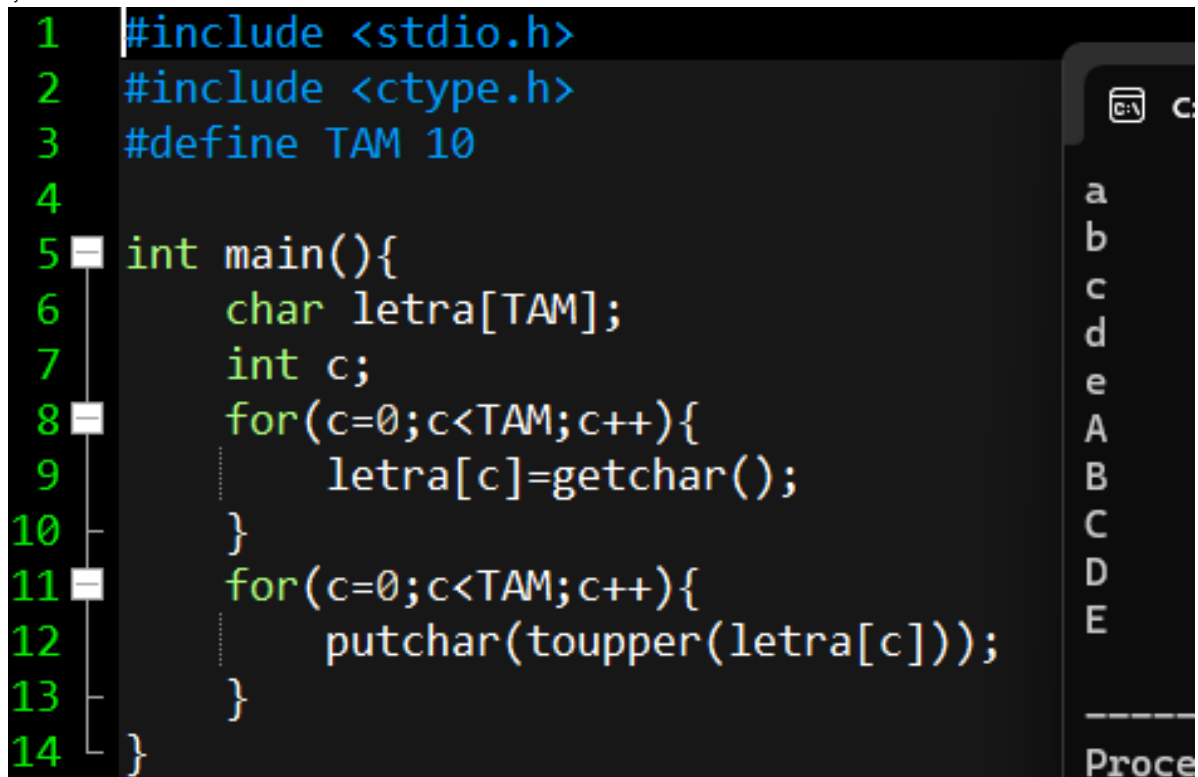
Tema: Cadenas de arreglos

Fecha: 06/05/2024

Practica 45

```
#include <stdio.h>
#include <ctype.h>
#define TAM 10

int main(){
    char letra[TAM];
    int c;
    for(c=0;c<TAM;c++){
        letra[c]=getchar();
    }
    for(c=0;c<TAM;c++){
        putchar(toupper(letra[c]));
    }
}
```



```
1  #include <stdio.h>
2  #include <ctype.h>
3  #define TAM 10
4
5  int main(){
6      char letra[TAM];
7      int c;
8      for(c=0;c<TAM;c++){
9          letra[c]=getchar();
10     }
11     for(c=0;c<TAM;c++){
12         putchar(toupper(letra[c]));
13     }
14 }
```

a
b
c
d
e
A
B
C
D
E

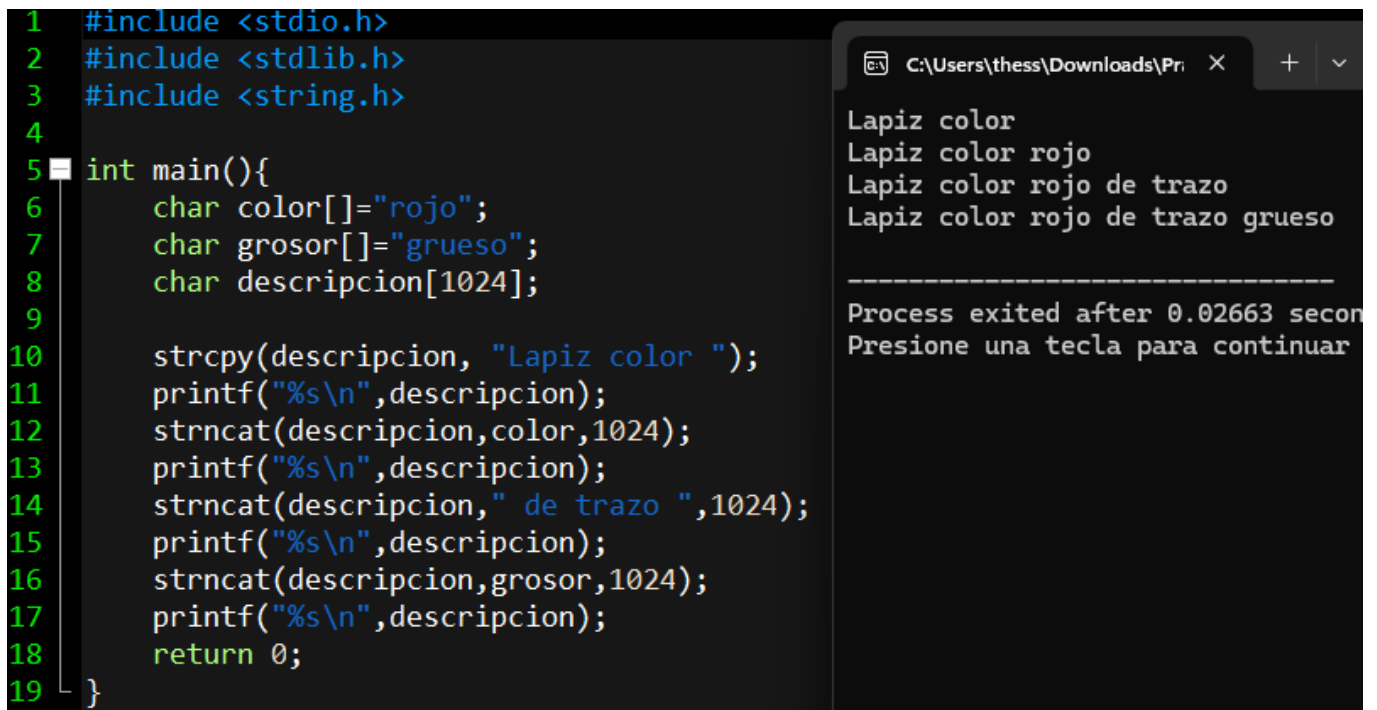
Proce

Practica 46

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

int main(){
    char color[]="rojo";
    char grosor[]="grueso";
    char descripcion[1024];

    strcpy(descripcion, "Lapiz color ");
    printf("%s\n",descripcion);
    strcat(descripcion,color,1024);
    printf("%s\n",descripcion);
    strcat(descripcion," de trazo ",1024);
    printf("%s\n",descripcion);
    strcat(descripcion,grosor,1024);
    printf("%s\n",descripcion);
    return 0;
}
```

The image shows a screenshot of a C program being executed in a terminal window. On the left, the source code is displayed with line numbers 1 through 19. The code includes headers for stdio, stdlib, and string, and defines a main function that builds a string description of a pencil by concatenating 'Lapiz color ', 'rojo', ' de trazo ', and 'grueso'. On the right, the terminal output shows the four intermediate strings printed by the program, followed by a separator line and a message indicating the process exited after 0.02663 seconds, asking the user to press a key to continue.

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4
5 int main(){
6     char color[]="rojo";
7     char grosor[]="grueso";
8     char descripcion[1024];
9
10    strcpy(descripcion, "Lapiz color ");
11    printf("%s\n",descripcion);
12    strcat(descripcion,color,1024);
13    printf("%s\n",descripcion);
14    strcat(descripcion," de trazo ",1024);
15    printf("%s\n",descripcion);
16    strcat(descripcion,grosor,1024);
17    printf("%s\n",descripcion);
18    return 0;
19 }
```

C:\Users\thess\Downloads\Pr X + v

Lapiz color
Lapiz color rojo
Lapiz color rojo de trazo
Lapiz color rojo de trazo grueso

Process exited after 0.02663 seconds
Presione una tecla para continuar