**EX:**

#include <stdio.h>

#include<string.h>

int main() {

int c1,c2,c3;

char res[40]={'\0',};

char temp[10]={'\0',};

char temp1[]={'2'}; //”2”

printf("\nSize of temp1=%d\n",sizeof(temp1));

c1=2;

c2=1;

c3=0;

//2 \* 1 = 2

//c1 \* c2 = c3

while(c2<11)

{

c3=c1\*c2;

sprintf(temp,"%d X %d = %d",c1,c2,c3);

strcpy(res,temp);

printf("%s\n",res);

c2++;

}

return 0;

}

**EX:**

#include <stdio.h>

int main()

{

char Lines[] = "101|Amit|M|8888|10000";

char Names[10][20];

int row=0,col=0;

char \*ptr=NULL;

int flag = 0;

ptr = Lines;

while(\*ptr!='\0')

{

putchar(\*ptr);

ptr++;

}

ptr = Lines;

row=0;

col=0;

while(\*ptr != '\0')

{

if(\*ptr == '|')

break;

Names[row][col]=\*ptr;

ptr++;

col++;

}

Names[row][col] = '\0';

printf("\n\n");

putchar(\*ptr);

printf("\n\n");

puts(Names[row]);

while(1){

ptr++;

row++;

col=0;

if(\*ptr == '\0')

{

flag = 1;

break;

}

while(\*ptr != '\0')

{

if(\*ptr == '|')

break;

Names[row][col]=\*ptr;

ptr++;

col++;

}

Names[row][col] = '\0';

// printf("\n\n");

// putchar(\*ptr);

printf("\n\n");

puts(Names[row]);

}

/\*

ptr++;

row++;

col=0;

while(\*ptr != '\0')

{

if(\*ptr == '|')

break;

Names[row][col]=\*ptr;

ptr++;

col++;

}

Names[row][col] = '\0';

printf("\n\n");

putchar(\*ptr);

printf("\n\n");

puts(Names[row]);

\*/

printf("\n\n");

return 0;

}

Structure within a structure: