

ques1ASSIGNMENT8.c X



ques1ASSIGNMENT8.c > main()

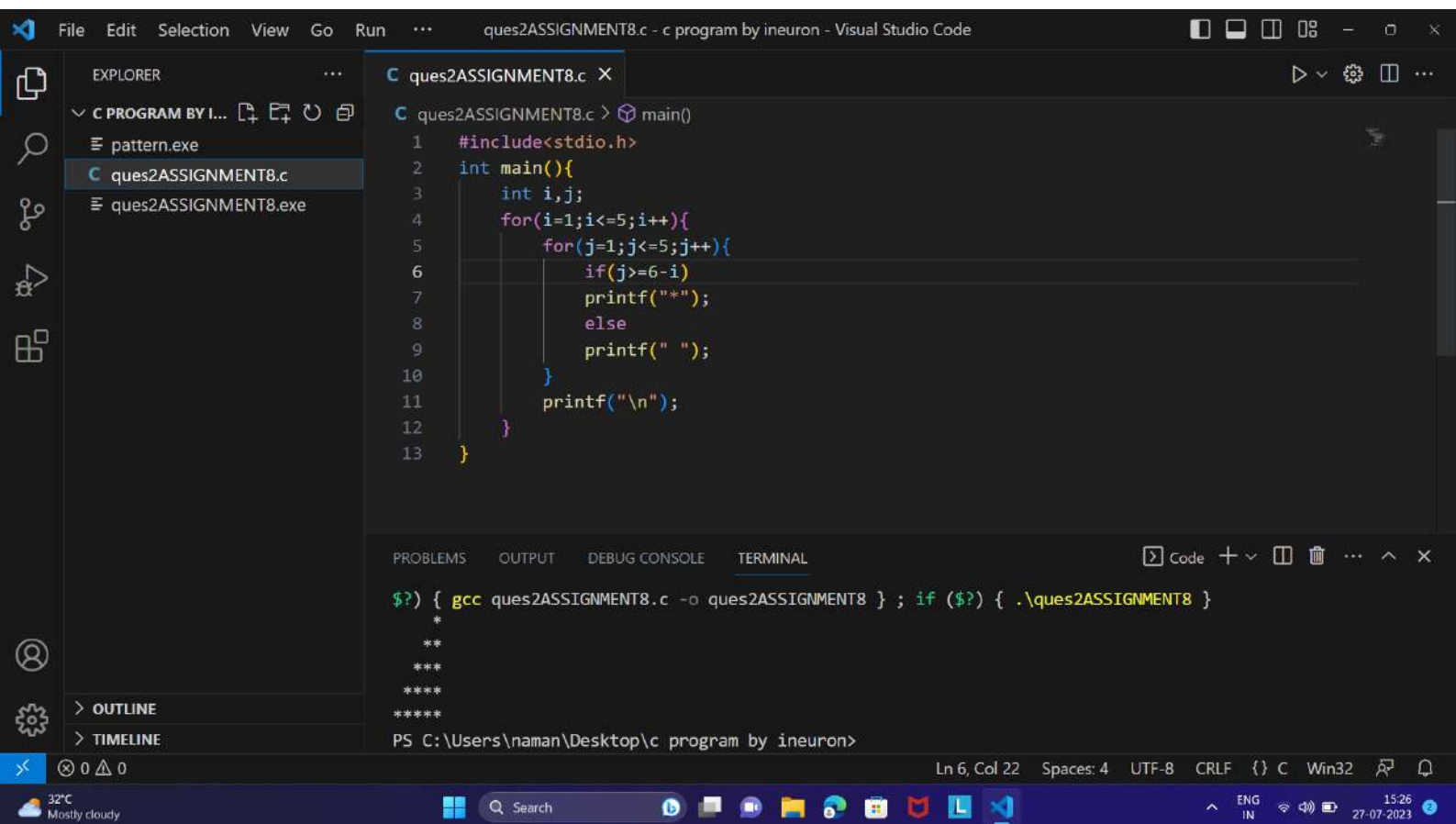
```
1  #include<stdio.h>
2  int main(){
3      int i,j;
4      for(i=1;i<=5;i++){
5          for(j=1;j<=5;j++){
6              if(j<=i)
7                  printf("*");
8              else
9                  printf(" ");
10         }
11         printf("\n");
12     }
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [X] ... ^

```
*
**
***
****
*****
```

PS C:\Users\naman\Desktop\c program by ineuron>



File Edit Selection View Go Run ... ques3ASSIGNMENT8.c - c program by ineuron - Visual Studio Code

EXPLORER

- ▼ C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.c
 - ques3ASSIGNMENT8.exe

ques3ASSIGNMENT8.c X

```
ques3ASSIGNMENT8.c > main()
1  #include<stdio.h>
2  int main(){
3      int i,j;
4      for(i=1;i<=5;i++){
5          for(j=1;j<=5;j++){
6              if(j<=6-i)
7                  printf("*");
8              else
9                  printf(" ");
10         }
11         printf("\n");
12     }
13 }
```

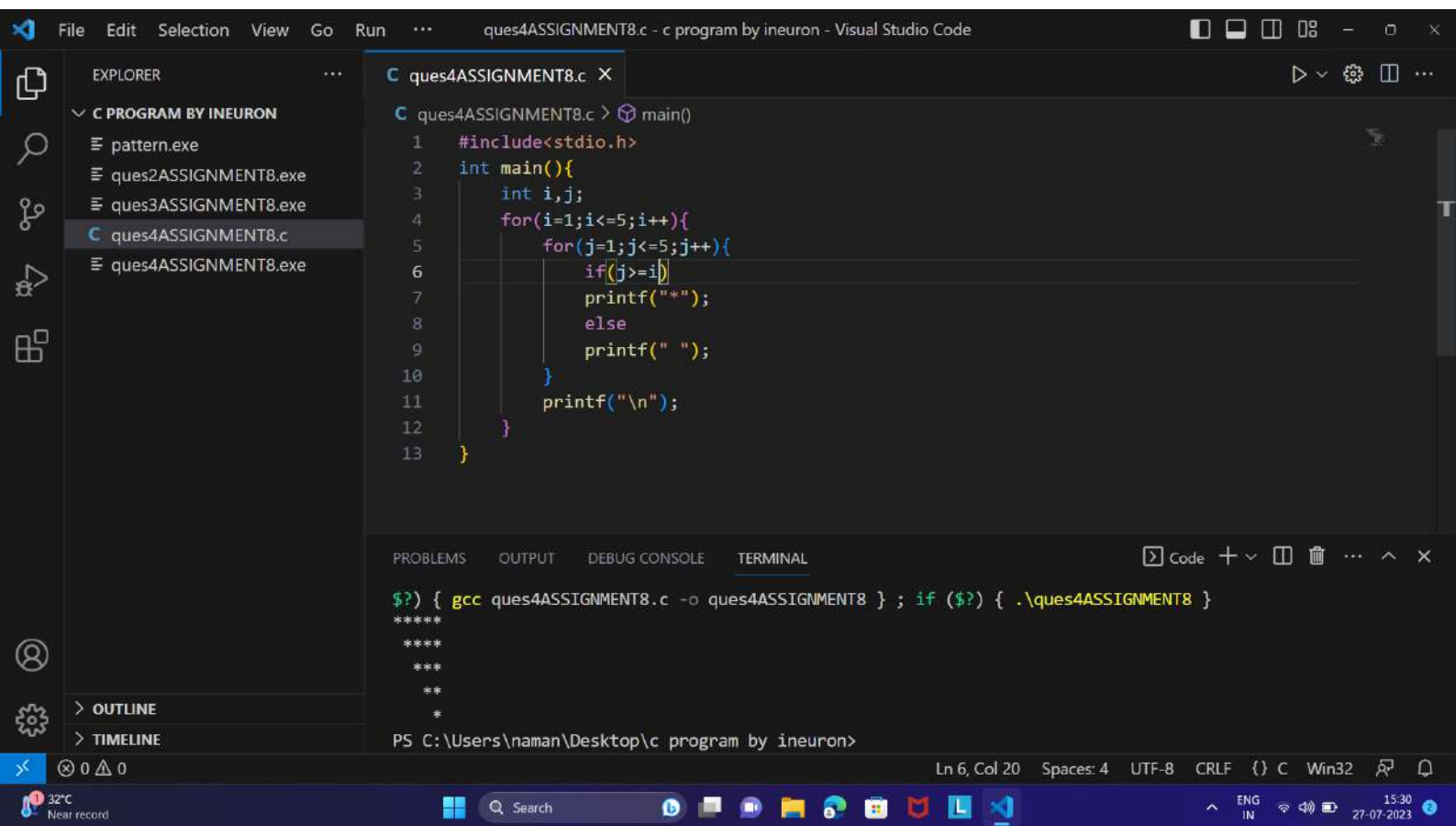
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

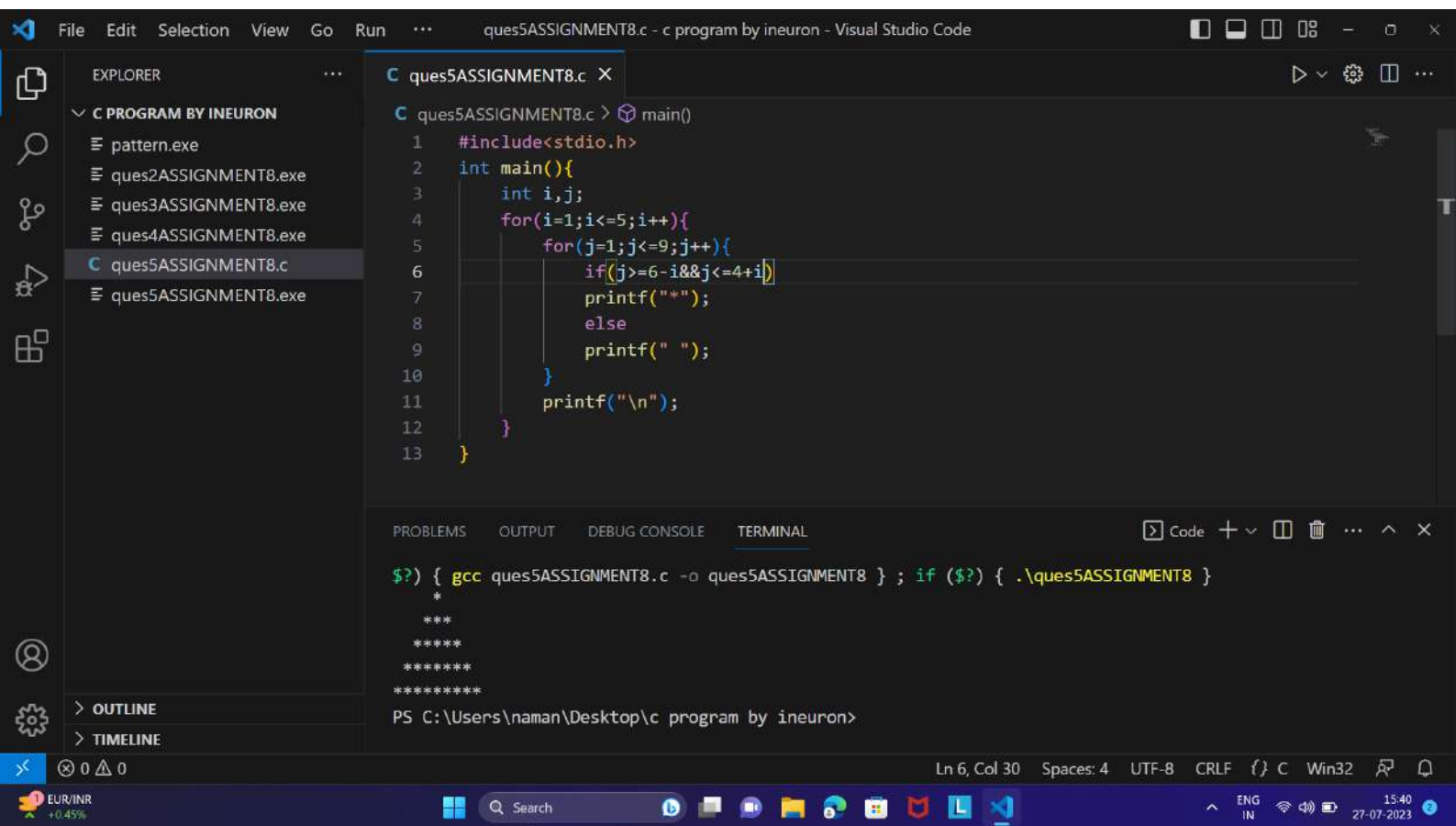
Code + -

```
$?) { gcc ques3ASSIGNMENT8.c -o ques3ASSIGNMENT8 } ; if ($?) { .\ques3ASSIGNMENT8 }
*****
****
***
**
*
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 4, Col 23 Spaces: 4 UTF-8 CRLF {} C Win32

32°C Mostly cloudy Search 15:29 27-07-2023





Visual Studio Code interface showing a C program file named `ques6ASSIGNMENT8.c` and its execution output in the terminal.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.c**
 - ques6ASSIGNMENT8.exe

ques6ASSIGNMENT8.c

```
1  #include<stdio.h>
2  int main(){
3      int i,j;
4      for(i=1;i<=5;i++){
5          for(j=1;j<=9;j++){
6              if(j>=i&& j<=10-i)
7                  printf("*");
8              else
9                  printf(" ");
10         }
11         printf("\n");
12     }
13 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques6ASSIGNMENT8.c -o ques6ASSIGNMENT8 } ; if ($?) { .\ques6ASSIGNMENT8 }
*****
*****
***
*
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 6, Col 22 Spaces: 4 UTF-8 CRLF {} C Win32

32°C Mostly cloudy 15:46 27-07-2023

File Edit Selection View Go Run ... ques7ASSIGNMENT8.c - c program by ineuron - Visual Studio Code

EXPLORER

▼ C PROGRAM BY INEURON

- pattern.exe
- ques2ASSIGNMENT8.exe
- ques3ASSIGNMENT8.exe
- ques4ASSIGNMENT8.exe
- ques5ASSIGNMENT8.exe
- ques6ASSIGNMENT8.exe
- ques7ASSIGNMENT8.c**
- ques7ASSIGNMENT8.exe

ques7ASSIGNMENT8.c X

```
ques7ASSIGNMENT8.c > main()
1  #include<stdio.h>
2  int main(){
3      int i,j;
4      for(i=1;i<=5;i++){
5          for(j=1;j<=10;j++){
6              if(j<=6-i || j>=5+i)
7                  printf("*");
8              else
9                  printf(" ");
10         }
11         printf("\n");
12     }
13 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + - [] [X] ... ^ X

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques7ASSIGNMENT8.c -o ques7ASSIGNMENT8 } ; if ($?) { .\ques7ASSIGNMENT8 }
*****
***   ***
**    **
*     *

PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 6, Col 29 Spaces: 4 UTF-8 CRLF {} C Win32

32°C Mostly cloudy Search 16:05 27-07-2023

Visual Studio Code interface showing a C program file named `ques8ASSIGNMENT8.c` and its execution output in the terminal.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.c**
 - ques8ASSIGNMENT8.exe

ques8ASSIGNMENT8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j,k;
4     for(i=1;i<=4;i++){
5         k=1;
6         for(j=1;j<=7;j++){
7             if(j>=5-i&&j<=3+i){
8                 printf("%d",k);
9                 j<4?k++:k--;
10            }
11            else
12                printf(" ");
13        }
14        printf("\n");
15    }
16 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "C:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques8ASSIGNMENT8.c -o ques8ASSIGNMENT8 } ; if ($?) { .\ques8ASSIGNMENT8 }
1
121
12321
1234321
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 12, Col 25 Spaces: 4 UTF-8 CRLF {} C Win32 16:22 27-07-2023

Visual Studio Code interface showing a C program named `ques9ASSIGNMENT8.c` and its execution output in the terminal.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.c**
 - ques9ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

ques9ASSIGNMENT8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j,k;
4     for(i=1;i<=4;i++){
5         k=1;
6         for(j=1;j<=7;j++){
7             if(j>=i&&j<=8-i){
8                 printf("%d",k);
9                 j<4?k++:k--;
10            }
11            else
12                printf(" ");
13        }
14        printf("\n");
15    }
16 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques9ASSIGNMENT8.c -o ques9ASSIGNMENT8 } ; if ($?) { .\ques9ASSIGNMENT8 }
1234321
12321
121
1
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 12, Col 25 Spaces: 4 UTF-8 CRLF {} C Win32 ENG IN 16:45 27-07-2023

Visual Studio Code interface showing a C program in the editor and its execution output in the terminal.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.exe
 - ques10ASSIGNMENT8.c**
 - ques10ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

ques10ASSIGNMENT8.c

```
1 int main(){
2     int i,j,k;
3     for(i=1;i<=4;i++){
4         k=1;
5         for(j=1;j<=7;j++){
6             if(j<=5-i||j>=3+i){
7                 printf("%d",k);
8                 j<4?k++:k--;
9             }
10            else{
11                printf(" ");
12                if(j==4){
13                    k--;
14                }
15            }
16        }
17        printf("\n");
18    }
19 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques10ASSIGNMENT8.c -o ques10ASSIGNMENT8.exe ; if ($?) { .\ques10ASSIGNMENT8.exe } }
1234321
123 321
12   21
1    1
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 16, Col 9 Spaces: 4 UTF-8 CRLF {} C Win32 17:27 27-07-2023

Visual Studio Code interface showing a C program and its execution output.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.exe
 - ques10ASSIGNMENT8.exe
 - ques11ASSIGNMENT8.c**
 - ques11ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

ques11ASSIGNMENT8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j;
4     char k;
5     for(i=1;i<=5;i++){
6         k='A';
7         for(j=1;j<=9;j++){
8             if(j>=6-i&&j<=4+i){
9                 printf("%c",k);
10                j<5?k++:k--;
11            }
12            else
13                printf(" ");
14        }
15        printf("\n");
16    }
17 }
18 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques11ASSIGNMENT8.c -o ques11ASSIGNMENT8 } ; if ($?) { .\ques11ASSIGNMENT8 }
A
ABA
ABCBA
ABCD CBA
ABCDEDCBA
PS C:\Users\naman\Desktop\c program by ineuron>
```

STATUS BAR

Ln 10, Col 24 Spaces: 4 UTF-8 CRLF {} C Win32

31°C Light rain 17:44 27-07-2023

Visual Studio Code interface showing a C program in the editor and its execution in the terminal.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.exe
 - ques10ASSIGNMENT8.exe
 - ques11ASSIGNMENT8.exe
 - ques12ASSIGNMENT8.c
 - ques12ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

ques12ASSIGNMENT8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j;
4     char k;
5     for(i=1;i<=4;i++){
6         k='A';
7         for(j=1;j<=7;j++){
8             if(j>=i&&j<=8-i){
9                 printf("%c",k);
10                j<4?k++:k--;
11            }
12            else
13                printf(" ");
14        }
15        printf("\n");
16    }
17 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques12ASSIGNMENT8.c -o ques12ASSIGNMENT8 } ; if ($?) { .\ques12ASSIGNMENT8 }
ABDCBA
ABCBA
ABA
A
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 10, Col 15 Spaces: 4 UTF-8 CRLF {} C Win32 17:50 27-07-2023

Visual Studio Code interface showing a C program and its execution output.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.exe
 - ques10ASSIGNMENT8.exe
 - ques11ASSIGNMENT8.exe
 - ques12ASSIGNMENT8.exe
 - ques13ASSIGNMENT8.c
 - ques13ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

QUESTION13ASSIGNMENT8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j;
4     char k;
5     for(i=1;i<=7;i++){
6         k='A';
7         for(j=1;j<=13;j++){
8             if(j<=8-i||j>=6+i){
9                 printf("%c",k);
10                j<7?k++:k--;
11            }
12            else{
13                printf(" ");
14            }
15            if(j==7){
16                k--;
17            }
18        }
19        printf("\n");
20    }
21 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques13ASSIGNMENT8.c -o ques13ASSIGNMENT8.exe } ; if ($?) { .\ques13ASSIGNMENT8.exe }
ABCDEFGFEDCBA
ABCDEF  FEDCBA
ABCDEF  EDCBA
ABCDEF  DCBA
ABCDEF  CBA
ABCDEF  BA
ABCDEF  A
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 14, Col 21 Spaces: 4 UTF-8 CRLF {} C Win32

31°C Mostly cloudy 18:09 27-07-2023

Visual Studio Code interface showing a C program for printing a pattern.

EXPLORER

- C PROGRAM BY I...
- pattern.exe
- ques2ASSIGNMENT8.exe
- ques3ASSIGNMENT8.exe
- ques4ASSIGNMENT8.exe
- ques5ASSIGNMENT8.exe
- ques6ASSIGNMENT8.exe
- ques7ASSIGNMENT8.exe
- ques8ASSIGNMENT8.exe
- ques9ASSIGNMENT8.exe
- ques10ASSIGNMENT8.exe
- ques11ASSIGNMENT8.exe
- ques12ASSIGNMENT8.exe
- ques13ASSIGNMENT8.exe
- ques14ASSIGNMENT8.c**
- ques14ASSIGNMENT8.exe
- tempCodeRunnerFile.c

QUESTION 14 ASSIGNMENT 8.c

```
1 #include<stdio.h>
2 int main(){
3     int i,j;
4
5     for(i=1;i<=5;i++){
6
7         for(j=1;j<=5;j++){
8             if((j==1)|| (i==5)|| (i==j)){
9                 printf("+");
10            }
11            else{
12                printf(" ");
13            }
14        }
15        printf("\n");
16    }
17 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques14ASSIGNMENT8.c -o ques14ASSIGNMENT8.exe ; if ($?) { .\ques14ASSIGNMENT8.exe }
****
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 8, Col 37 Spaces: 4 UTF-8 CRLF {} C Win32 ENG IN 08:29 28-07-2023

Visual Studio Code interface showing a C program file named `ques15ASSIGNMENT8.c` and its execution output in the terminal.

EXPLORER

- C PROGRAM BY I...
- pattern.exe
- ques2ASSIGNMENT8.exe
- ques3ASSIGNMENT8.exe
- ques4ASSIGNMENT8.exe
- ques5ASSIGNMENT8.exe
- ques6ASSIGNMENT8.exe
- ques7ASSIGNMENT8.exe
- ques8ASSIGNMENT8.exe
- ques9ASSIGNMENT8.exe
- ques10ASSIGNMENT8.exe
- ques11ASSIGNMENT8.exe
- ques12ASSIGNMENT8.exe
- ques13ASSIGNMENT8.exe
- ques14ASSIGNMENT8.exe
- ques15ASSIGNMENT8.c**
- ques15ASSIGNMENT8.exe
- tempCodeRunnerFile.c

CODE EDITOR

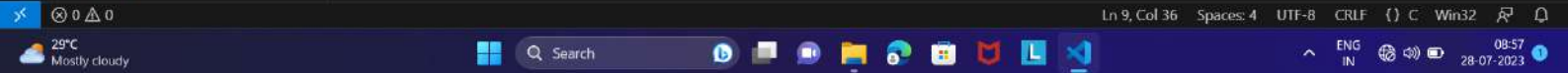
```
ques15ASSIGNMENT8.c > main()
3   int i,j;
4
5   for(i=1;i<=5;i++){
6
7       for(j=1;j<=5;j++){
8
9           if((j==5)||(i==5)||(j==6-i)){
10              printf("*");
11          }
12          else{
13              printf(" ");
14          }
15      }
16      printf("\n");
17  }
18  }
19
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques15ASSIGNMENT8.
c -o ques15ASSIGNMENT8 } ; if ($?) { .\ques15ASSIGNMENT8 }
*
*
*
*****
PS C:\Users\naman\Desktop\c program by ineuron>
```

STATUS BAR

Ln 9, Col 34 Spaces: 4 UTF-8 CRLF {} C Win32 ENG IN 08:34 28-07-2023



Visual Studio Code interface showing a C program and its execution output.

EXPLORER

- C PROGRAM BY INEURON
 - pattern.exe
 - ques2ASSIGNMENT8.exe
 - ques3ASSIGNMENT8.exe
 - ques4ASSIGNMENT8.exe
 - ques5ASSIGNMENT8.exe
 - ques6ASSIGNMENT8.exe
 - ques7ASSIGNMENT8.exe
 - ques8ASSIGNMENT8.exe
 - ques9ASSIGNMENT8.exe
 - ques10ASSIGNMENT8.exe
 - ques11ASSIGNMENT8.exe
 - ques12ASSIGNMENT8.exe
 - ques13ASSIGNMENT8.exe
 - ques14ASSIGNMENT8.exe
 - ques15ASSIGNMENT8.exe
 - ques16ASSIGNMENT8.exe
 - ques17ASSIGNMENT8.c**
 - ques17ASSIGNMENT8.exe
 - tempCodeRunnerFile.c

QUESTION 17 ASSIGNMENT 8.c

```
3 int i,j;
4
5 for(i=1;i<=5;i++){
6
7     for(j=1;j<=9;j++){
8
9         if((j==i)|| (j==10-i)|| (i==1)){
10             printf("*");
11         }
12         else{
13             printf(" ");
14         }
15     }
16     printf("\n");
17 }
18 }
19 }
```

TERMINAL

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\" ; if ($?) { gcc ques17ASSIGNMENT8.c -o ques17ASSIGNMENT8.exe ; if ($?) { .\ques17ASSIGNMENT8.exe } }
*****
*   *
* *
* *
*
PS C:\Users\naman\Desktop\c program by ineuron>
```

Ln 9, Col 40 Spaces: 4 UTF-8 CRLF {} C Win32 ENG IN 09:01 28-07-2023

Visual Studio Code interface showing a C program file named `ques18ASSIGNMENT8.c` and its execution output in the terminal.

Explorer Panel: Lists files under the project `C PROGRAM BY INEURON`, including `pattern.exe`, `ques2ASSIGNMENT8.exe`, `ques3ASSIGNMENT8.exe`, `ques4ASSIGNMENT8.exe`, `ques5ASSIGNMENT8.exe`, `ques6ASSIGNMENT8.exe`, `ques7ASSIGNMENT8.exe`, `ques8ASSIGNMENT8.exe`, `ques9ASSIGNMENT8.exe`, `ques10ASSIGNMENT8.exe`, `ques11ASSIGNMENT8.exe`, `ques12ASSIGNMENT8.exe`, `ques13ASSIGNMENT8.exe`, `ques14ASSIGNMENT8.exe`, `ques15ASSIGNMENT8.exe`, `ques16ASSIGNMENT8.exe`, `ques17ASSIGNMENT8.exe`, `ques18ASSIGNMENT8.c` (selected), `ques18ASSIGNMENT8.exe`, and `tempCodeRunnerFile.c`.

Editor Panel: Displays the source code of `ques18ASSIGNMENT8.c`:

```
1 #include <stdio.h>
2 int main()
3 {
4     int i, j, k = 0;
5
6     for (i = 1; i <= 9; i++)
7     {
8         i <= 5 ? k++ : k--;
9         for (j = 1; j <= 9; j++)
10         {
11             if (j >= 6 - k && j <= 4 + k)
12             {
13                 printf("");
14             }
15             else
16             {
17                 printf(" ");
18             }
19         }
20         printf("\n");
21     }
22 }
23
24
```

Terminal Panel: Shows the command prompt output for running the program:

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\naman\Desktop\c program by ineuron\"; if ($?) { gcc ques18ASSIGNMENT8.c -o ques18ASSIGNMENT8 }; if ($?) { . \ques18ASSIGNMENT8 }
***
*****
*****
*****
*****
***
PS C:\Users\naman\Desktop\c program by ineuron>
```

Bottom Bar: Displays system information: 31°C, Mostly cloudy, Search bar, and system tray icons including network, volume, and date/time (10:19, 28-07-2023).

```

ques19ASSIGNMENT8.c > main()
1  #include <stdio.h>
2  int main()
3  {
4      int i, j;
5
6      for (i = 0; i < 4; i++)
7      {
8          for (j = 1; j <= 19; j++)
9          {
10             if (i == 3 && j == 8)
11             {
12                 printf("MySirg");
13             }
14             if ((i == 3) && (j >= 8) && (j <= 13))
15                 continue;
16             if ((j >= 3 - i && j <= 7 + i) || (j >= 13 - i && j <= 17 + i))
17             {
18                 printf("*");
19             }
20             else
21             {
22                 printf(" ");
23             }
24         }
25
26         printf("\n");
27     }
28
29     for (i = 0; i < 9; i++)
30     {
31
32         for (j = 1; j <= 19; j++)
33         {
34             if (j >= 2 + i && j <= 18 - i)
35             {
36                 printf("*");
37             }
38             else
39             {
40                 printf(" ");
41             }
42         }
43         printf("\n");
44     }
45 }
46

```

```
PS C:\Users\naman\Desktop\c program by ineuron> cd "c:\Users\ineuron\Documents\ques19ASSIGNMENT8"
SSIGNMENT8 } ; if ($?) { .\ques19ASSIGNMENT8 }
```

```
*****
```

```
*****
```

```
*****
```

```
*****MySing*****
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

```
*****
```

```
***
```

```
*
```

```
PS C:\Users\naman\Desktop\c program by ineuron>
```