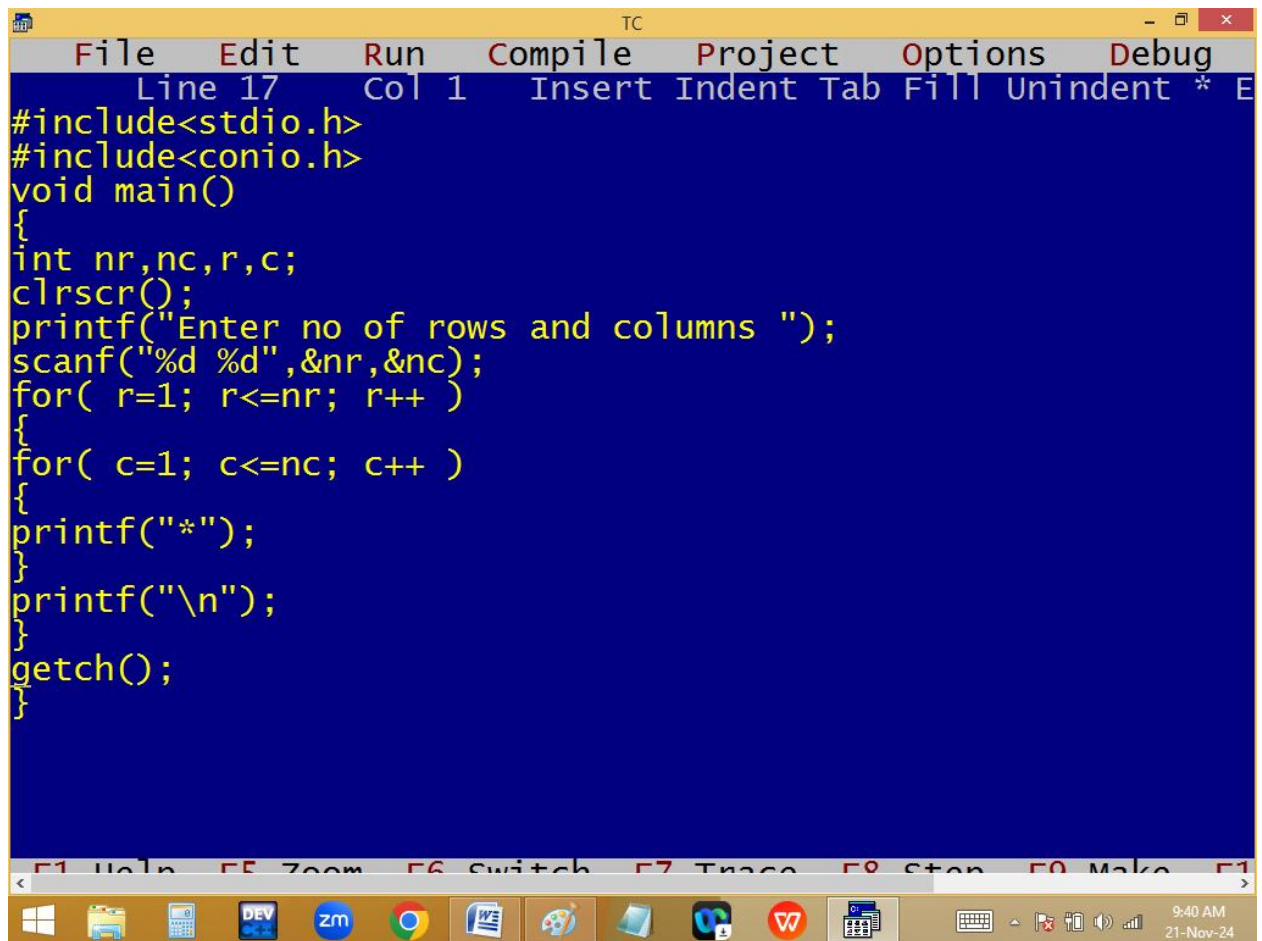


Patterns:

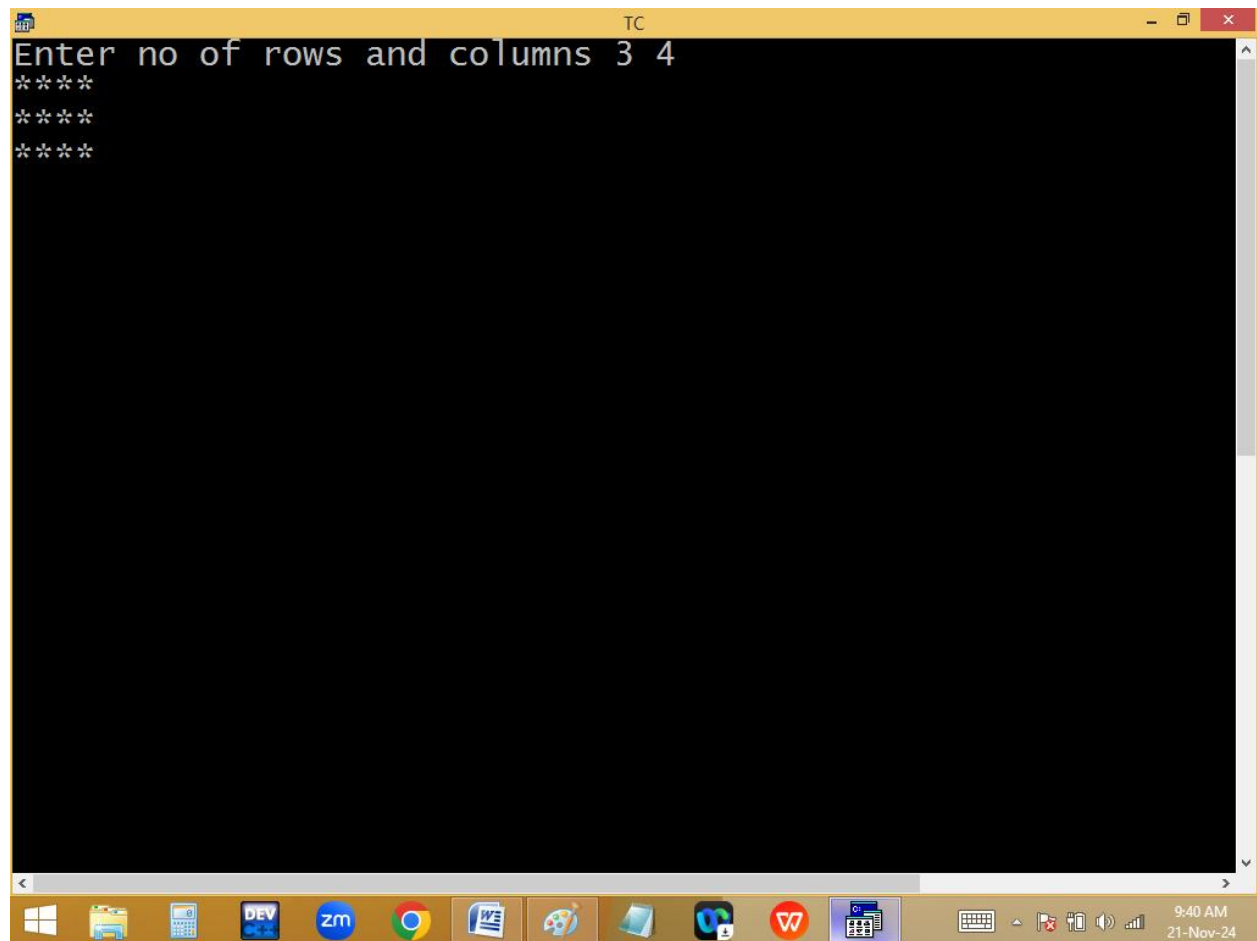


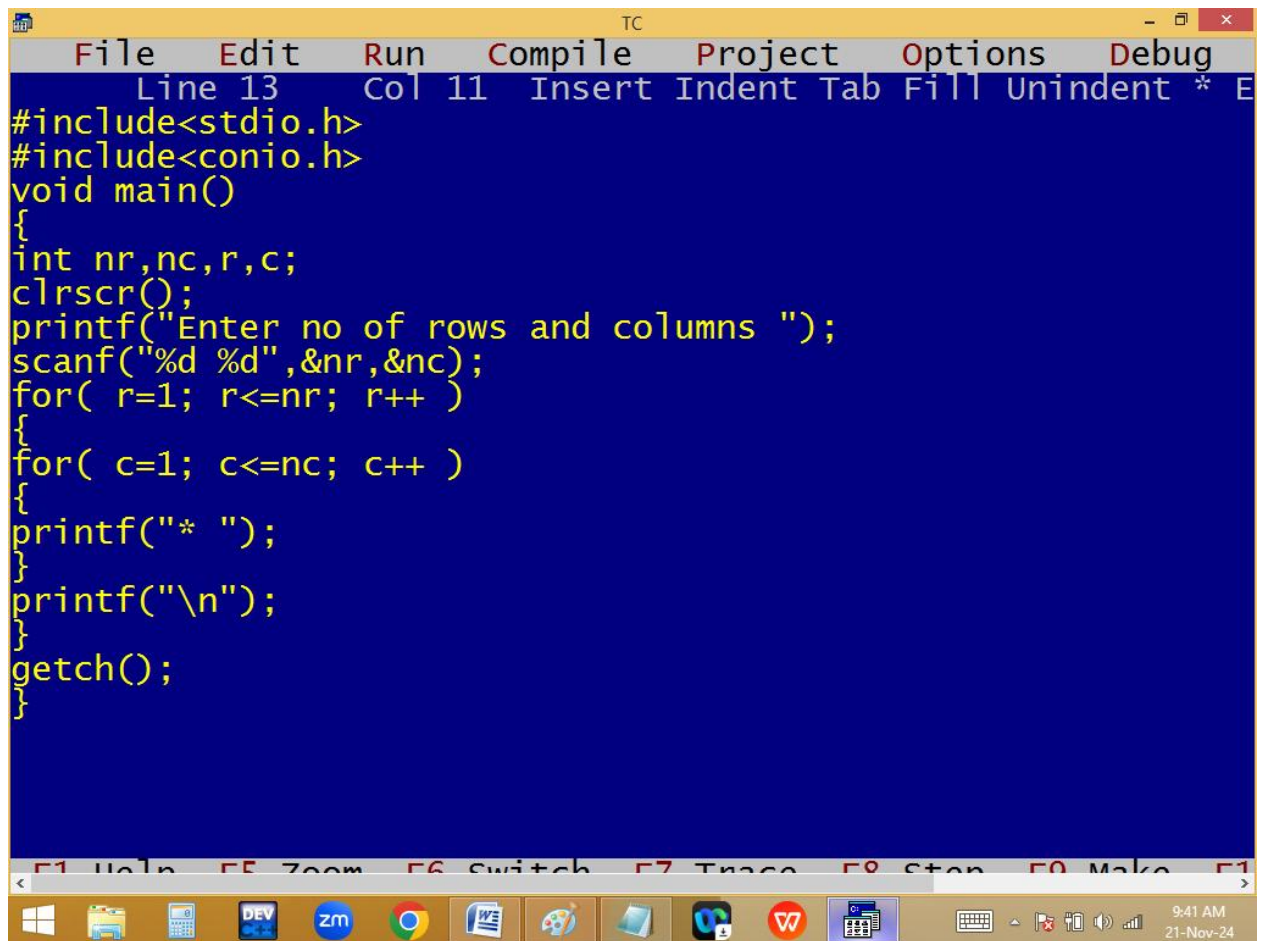
The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 17", "Col 1", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("*");
}
printf("\n");
}
getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions and a status bar showing the time "9:40 AM" and date "21-Nov-24".

```
TC
Enter no of rows and columns 3 4
****
****
****
```

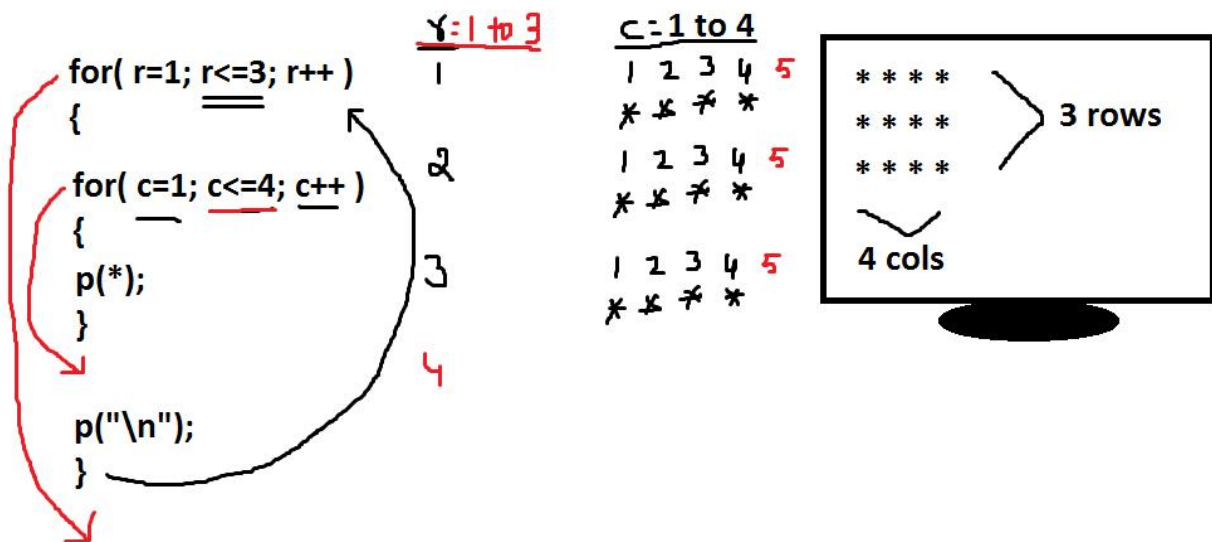
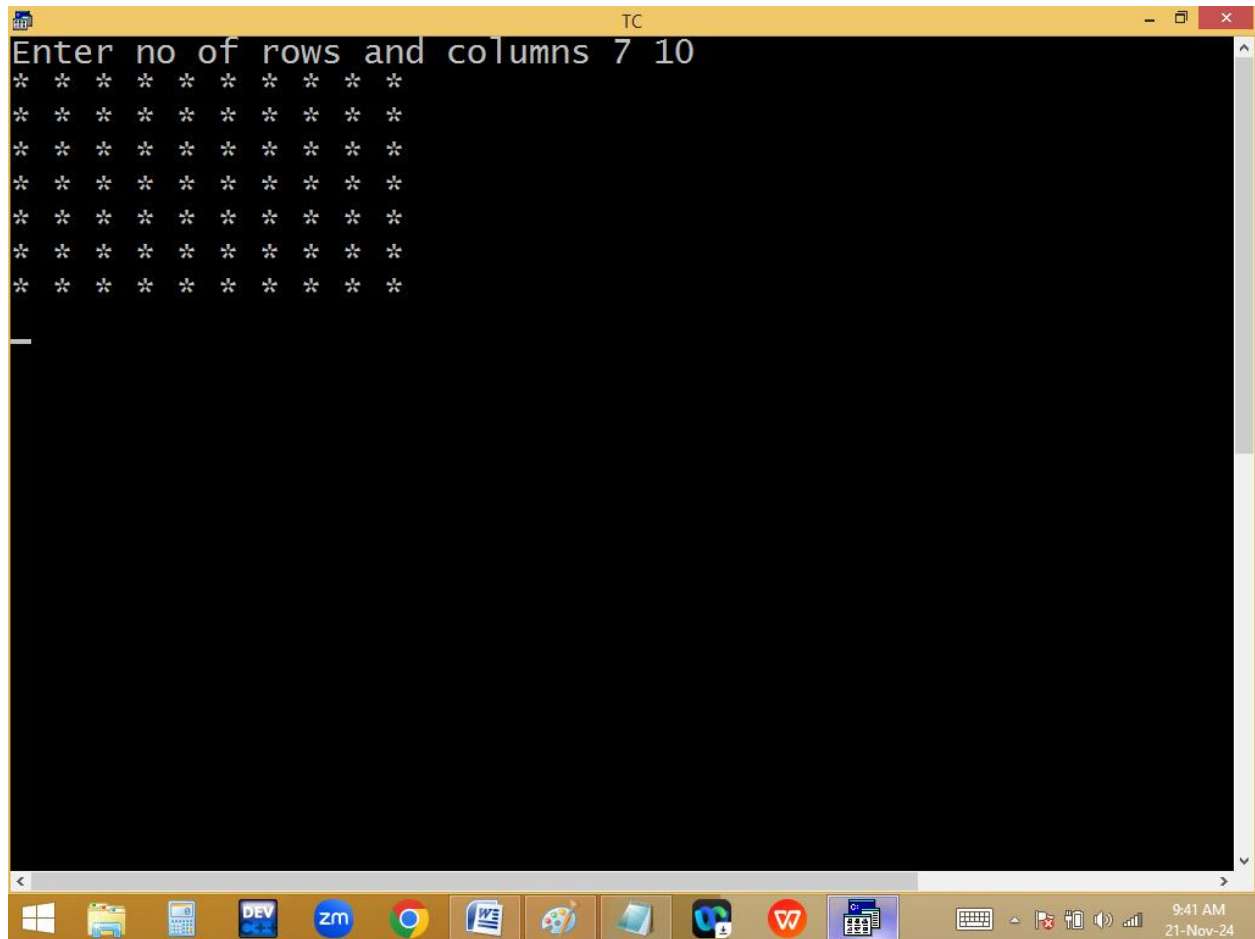


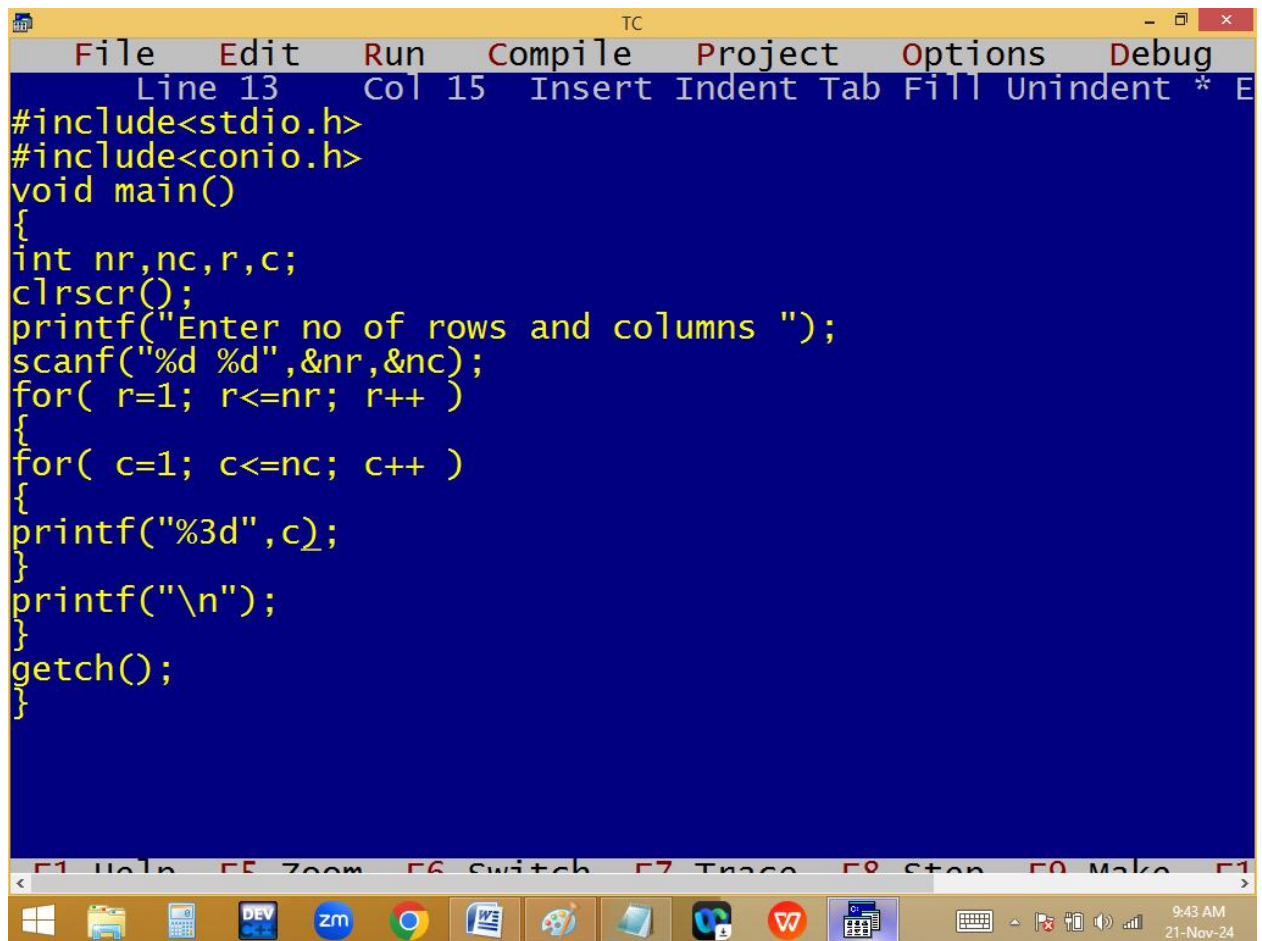


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 13", "Col 11", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is a C program that prompts the user for the number of rows and columns, then prints a grid of asterisks. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int nr,nc,r,c;
    clrscr();
    printf("Enter no of rows and columns ");
    scanf("%d %d",&nr,&nc);
    for( r=1; r<=nr; r++ )
    {
        for( c=1; c<=nc; c++ )
        {
            printf("* ");
        }
        printf("\n");
    }
    getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "9:41 AM" and the date "21-Nov-24".





The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 13", "Col 15", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("%3d",c);
}
printf("\n");
}
getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions and a status bar showing the time "9:43 AM" and the date "21-Nov-24".

```
TC
Enter no of rows and columns 5 5
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5
```

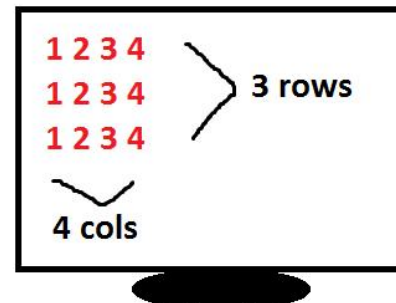
```
for( r=1; r<=3; r++ )
{
    for( c=1; c<=4; c++ )
    {
        p( c );
    }
    p("\n");
}
```

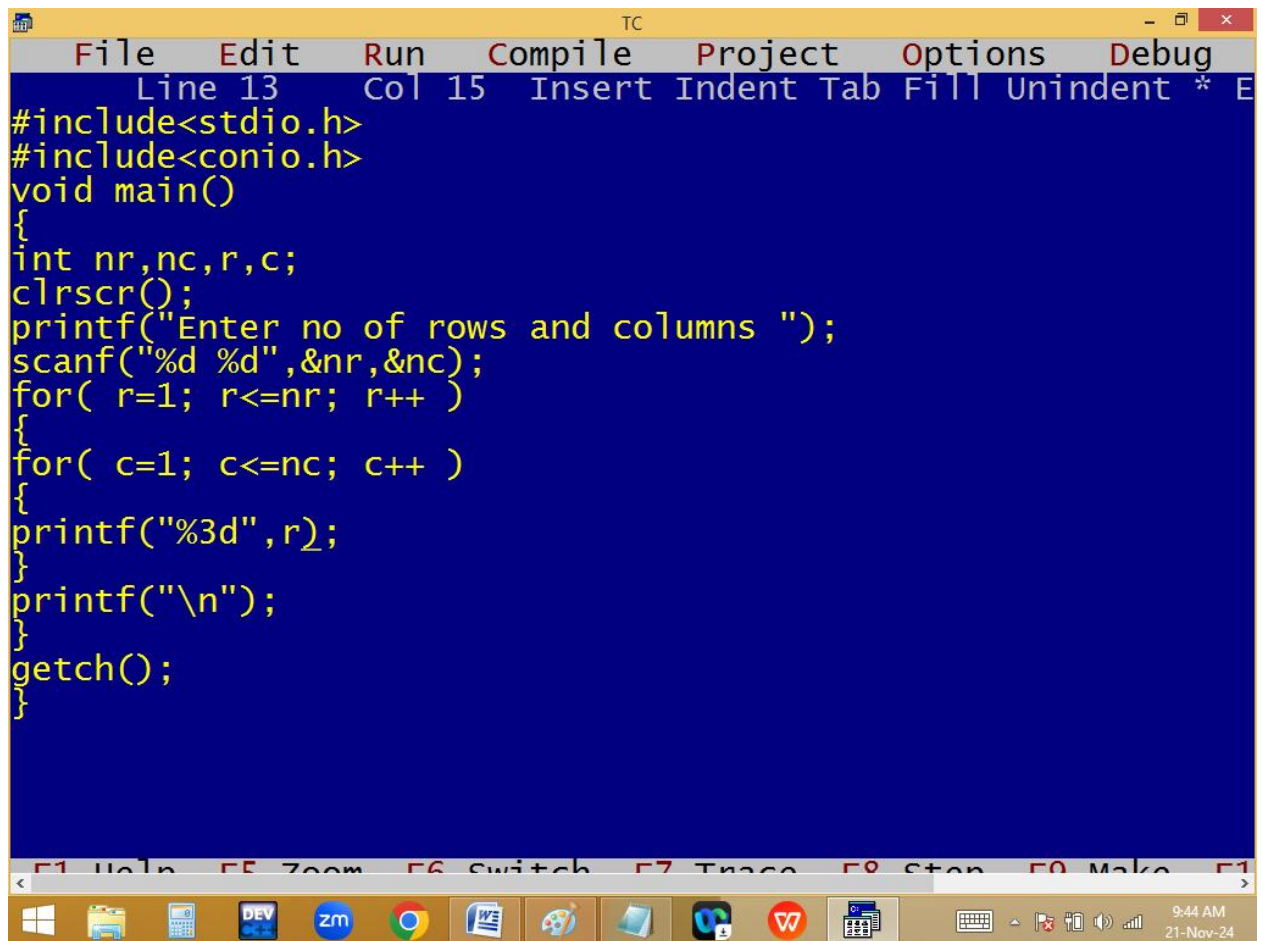
r=1 to 3

1
2
3
4

c=1 to 4

1 2 3 4 5
* * * *
1 2 3 4 5
* * * *
1 2 3 4 5
* * * *



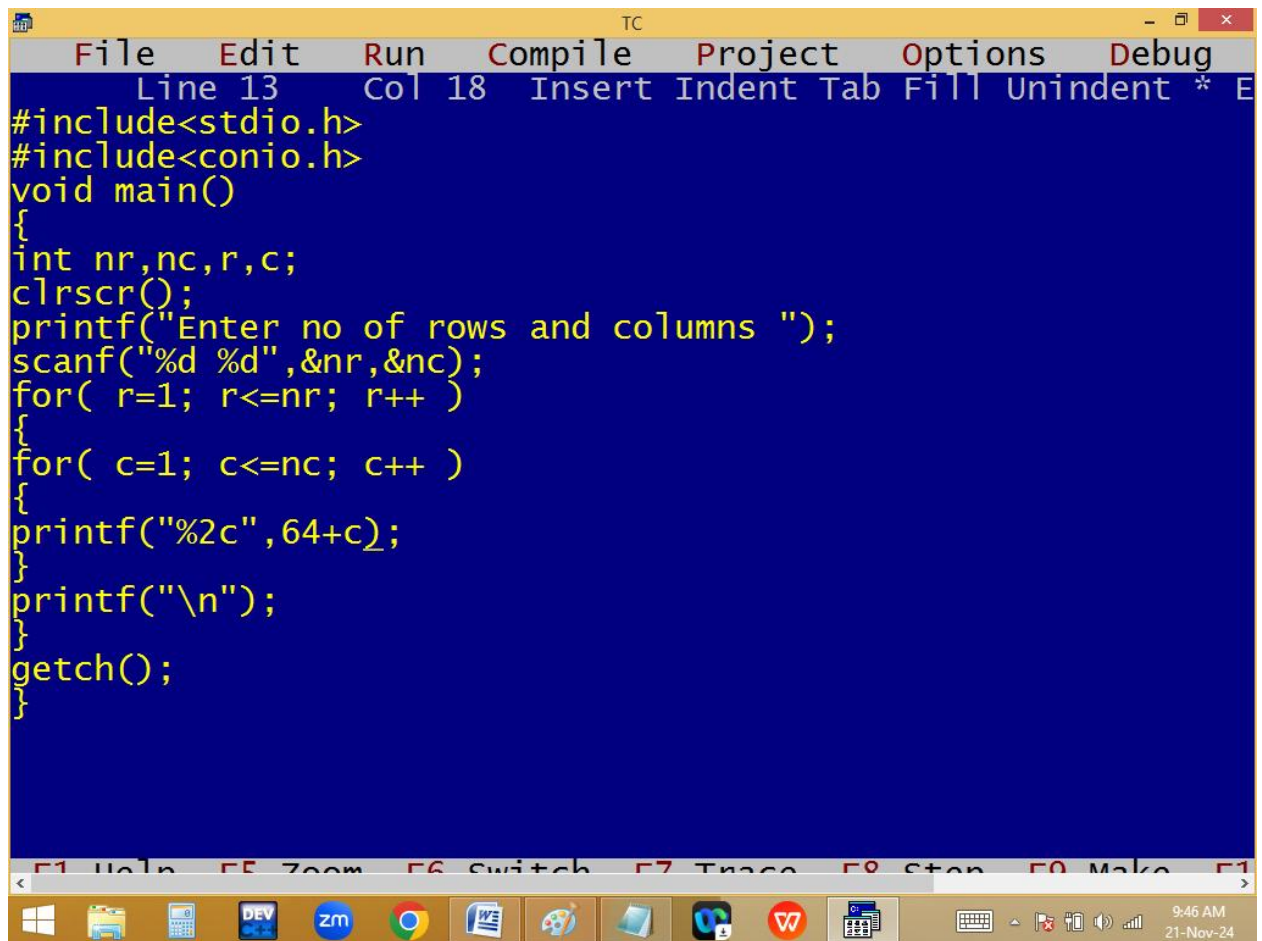


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 13", "Col 15", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is a C program that prompts the user to enter the number of rows and columns, then prints a grid of numbers. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("%3d",r);
}
printf("\n");
}
getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "9:44 AM" and the date "21-Nov-24".


```
TC
Enter no of rows and columns 10 9
1 1 1 1 1 1 1 1 1
2 2 2 2 2 2 2 2 2
3 3 3 3 3 3 3 3 3
4 4 4 4 4 4 4 4 4
5 5 5 5 5 5 5 5 5
6 6 6 6 6 6 6 6 6
7 7 7 7 7 7 7 7 7
8 8 8 8 8 8 8 8 8
9 9 9 9 9 9 9 9 9
10 10 10 10 10 10 10 10 10
```



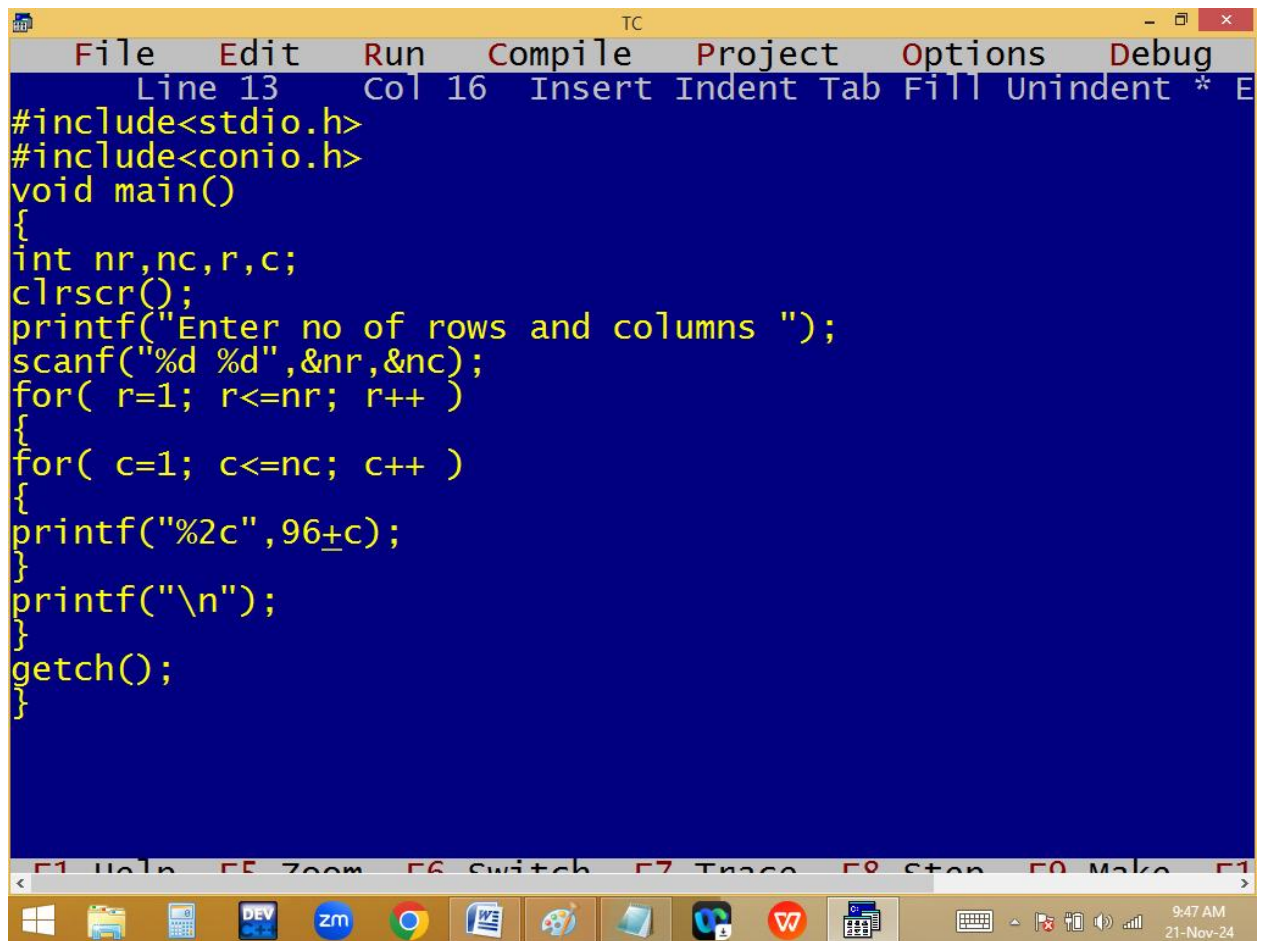
```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 18 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("%2c",64+c);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:46 AM
21-Nov-24

Enter no of rows and columns 10 26

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z



The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 13", "Col 16", and a list of editing commands: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is a C program that takes the number of rows and columns as input and prints a grid of asterisks. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int nr,nc,r,c;
    clrscr();
    printf("Enter no of rows and columns ");
    scanf("%d %d",&nr,&nc);
    for( r=1; r<=nr; r++ )
    {
        for( c=1; c<=nc; c++ )
        {
            printf("%2c",96+c);
        }
        printf("\n");
    }
    getch();
}
```

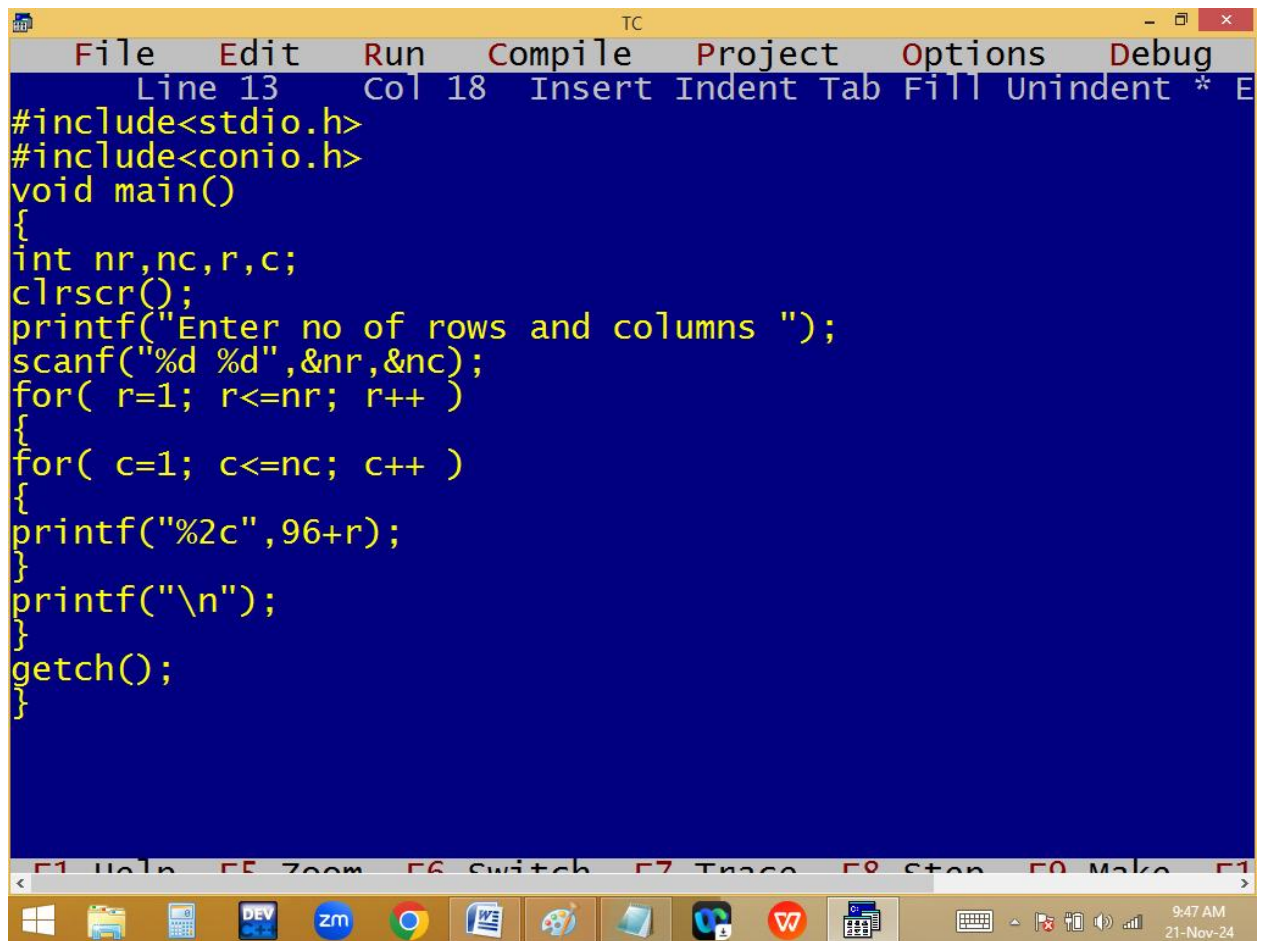
At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "9:47 AM" and the date "21-Nov-24".

TC

Enter no of rows and columns 10 26

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z

9:47 AM
21-Nov-24

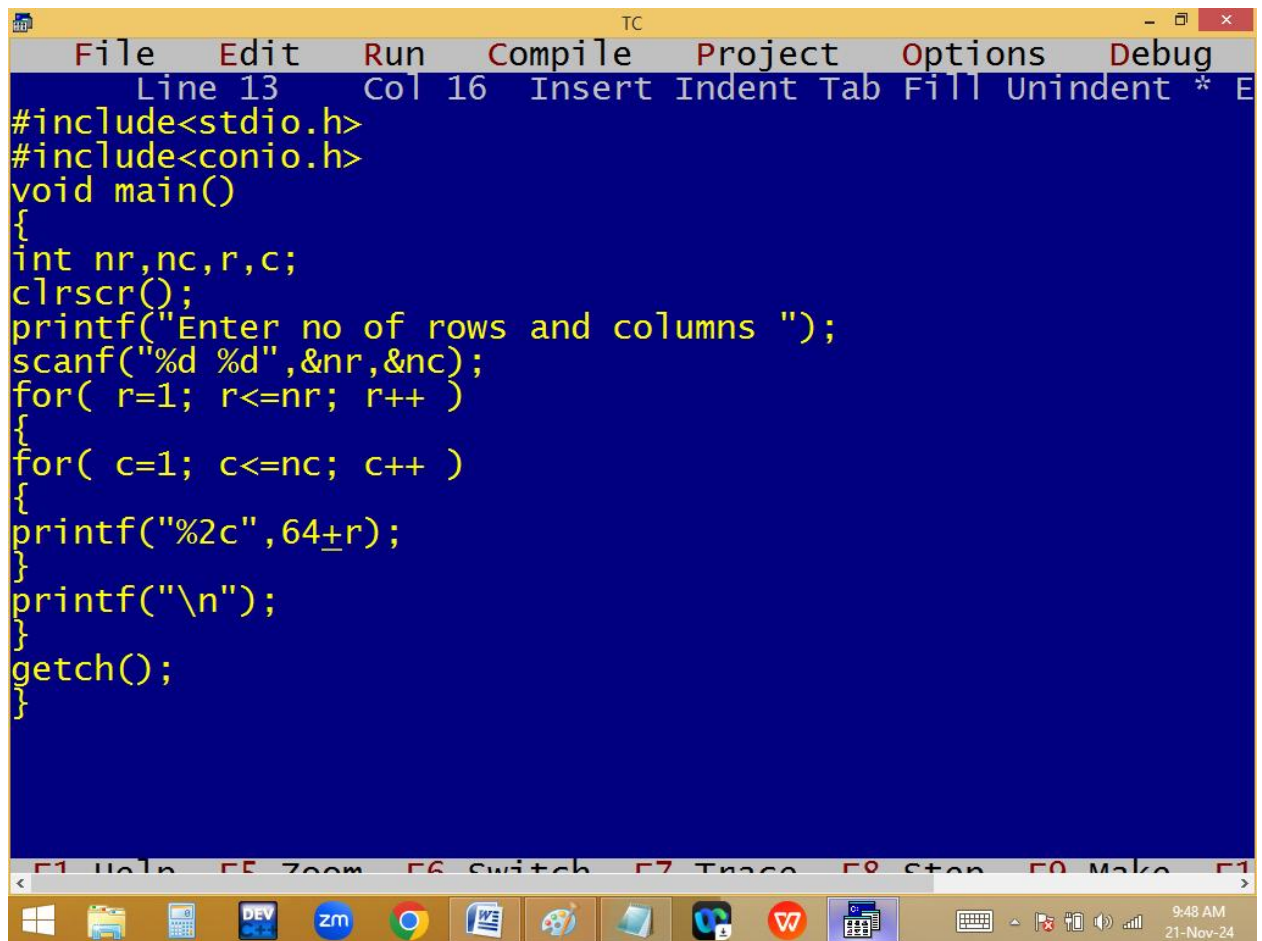


The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 13", "Col 18", and lists keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The code editor contains the following C program:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("%2c",96+r);
}
printf("\n");
}
getch();
}
```

Below the code editor, there is a toolbar with function key shortcuts: "F1 Help", "F5 Zoom", "F6 Switch", "F7 Trace", "F8 Stop", "F9 Make", and "F10". The Windows taskbar is visible at the bottom, showing icons for Windows, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, and other applications. The system clock in the bottom right corner shows "9:47 AM" and "21-Nov-24".

```
TC
Enter no of rows and columns 5 5
a a a a a
b b b b b
c c c c c
d d d d d
e e e e e
```



The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 13", "Col 16", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is a C program that takes the number of rows and columns as input and prints a grid of asterisks. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int nr,nc,r,c;
    clrscr();
    printf("Enter no of rows and columns ");
    scanf("%d %d",&nr,&nc);
    for( r=1; r<=nr; r++ )
    {
        for( c=1; c<=nc; c++ )
        {
            printf("%2c",64+r);
        }
        printf("\n");
    }
    getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "9:48 AM" and the date "21-Nov-24".


```
TC
Enter no of rows and columns 7 7
A A A A A A A
B B B B B B B
C C C C C C C
D D D D D D D
E E E E E E E
F F F F F F F
G G G G G G G
```

```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 55 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c; char ch='A';
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
if(r%2==0)printf("%2c",--ch); else printf("%2c",ch++);_
}
printf("\n");
}
getch();
}
```

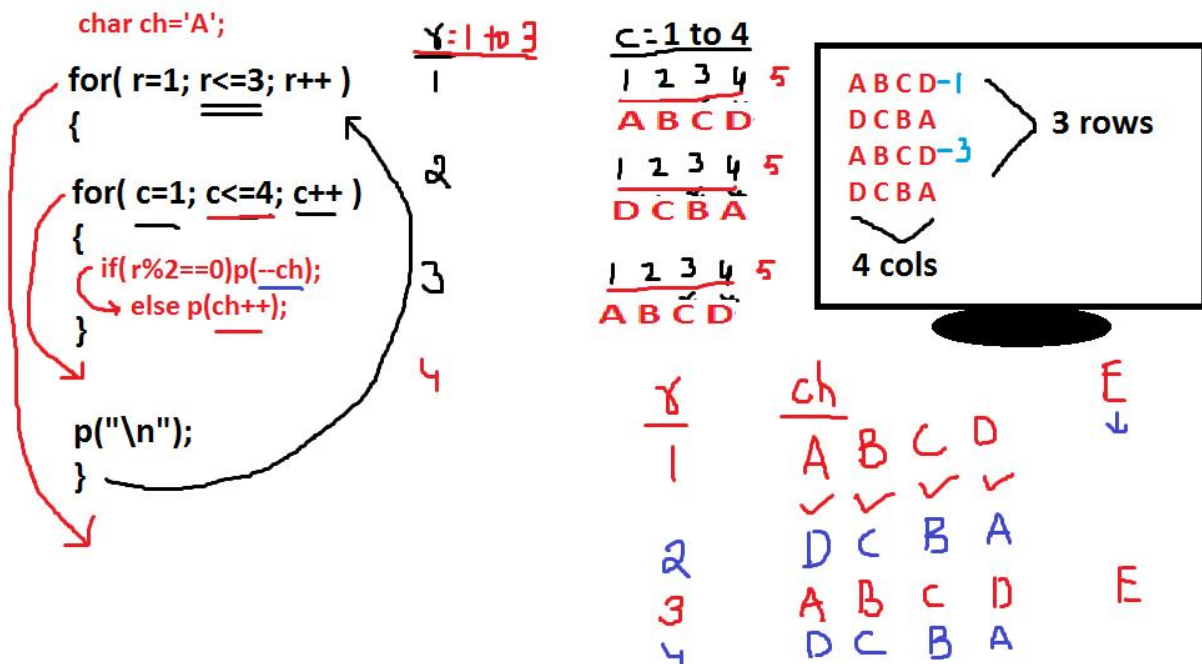
F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

9:56 AM
21-Nov-24

```

Enter no of rows and columns 5 26
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

```



```
TC
File Edit Run Compile Project Options Debug
Line 14 Col 53 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
char ch=64+nc;
for( c=1; c<=nc; c++ )
{
if(r%2==0)printf("%2c",ch--); else printf("%2c",64+c);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:04 AM
21-Nov-24

```

Enter no of rows and columns 8 26
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

```

```

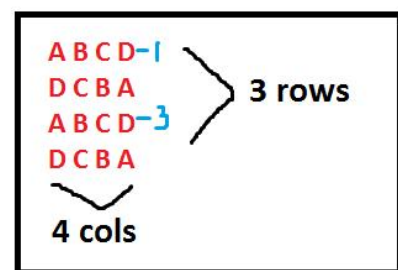
for( r=1; r<=3; r++ )
{
    char ch=64+nc;
    for( c=1; c<=4; c++ )
    {
        if( r%2==0)p(ch--); ✓
        else p(64+c);
    }
    p("\n");
}

```

r = 1 to 3

c = 1 to 4

1	2	3	4	5
A	B	C	D	
1	2	3	4	5
D	C	B	A	
1	2	3	4	5
A	B	C	D	



r

1

2

3

4

$ch = 64 + 4 = 68$ 67 66 65

D C B A

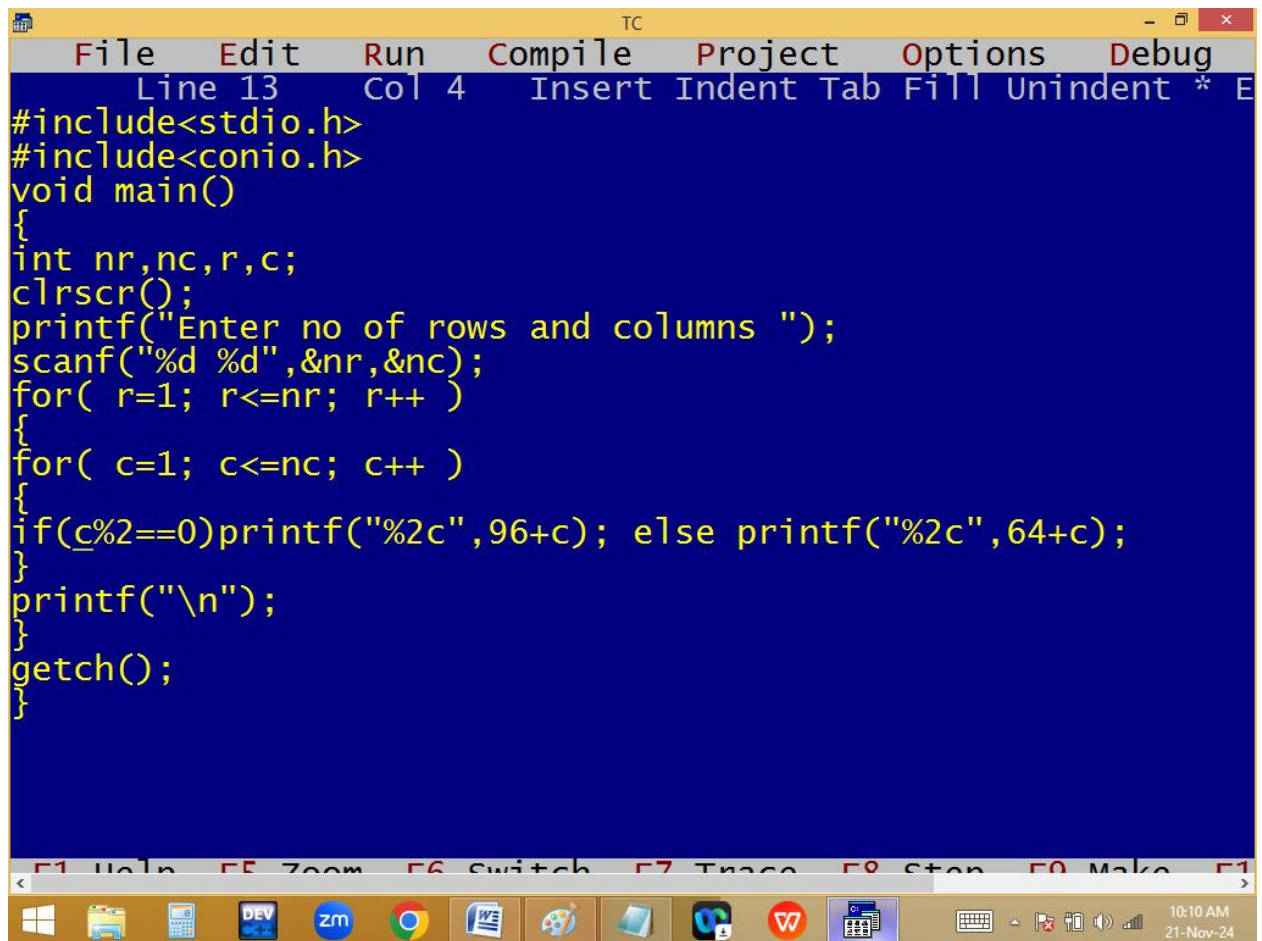
A B C D

```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 51 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
if(r%2==0)printf("%2c",96+c); else printf("%2c",64+c);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:08 AM
21-Nov-24


```
TC
Enter no of rows and columns 10 26
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
```



The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, the status bar shows "Line 13", "Col 4", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
if(c%2==0)printf("%2c",96+c); else printf("%2c",64+c);
}
printf("\n");
}
getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions and a status bar. The status bar on the right shows the time "10:10 AM" and the date "21-Nov-24".

Enter no of rows and columns 10 26

A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z
A	b	C	d	E	f	G	h	I	j	K	l	M	n	O	p	Q	r	S	t	U	v	W	x	Y	z

```
TC
File Edit Run Compile Project Options Debug
Line 15 Col 38 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c; char L='a', U='A';
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
if(r%2==0)printf("%2c",L); else printf("%2c",U);
}
printf("\n"); if(r%2==0)L++;else U++;_
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:21 AM
21-Nov-24

```
TC
Enter no of rows and columns 10 20
A A A A A A A A A A A A A A A A A A A A
a a a a a a a a a a a a a a a a a a a a
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E E E E E E E E E E E E E E E E E E E E
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```

```
TC
File Edit Run Compile Project Options Debug
Line 17 Col 1 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
char L='a', U='A';
for( c=1; c<=nc; c++ )
{
if(c%2==0)printf("%2c",L++); else printf("%2c",U++);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:32 AM
21-Nov-24

```

Enter no of rows and columns 10 26
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m
A a B b C c D d E e F f G g H h I i J j K k L l M m

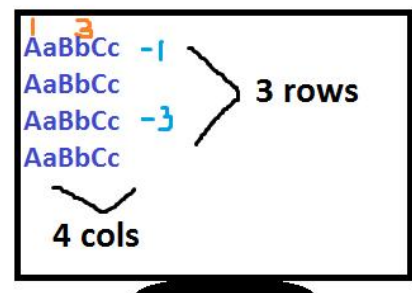
```

```

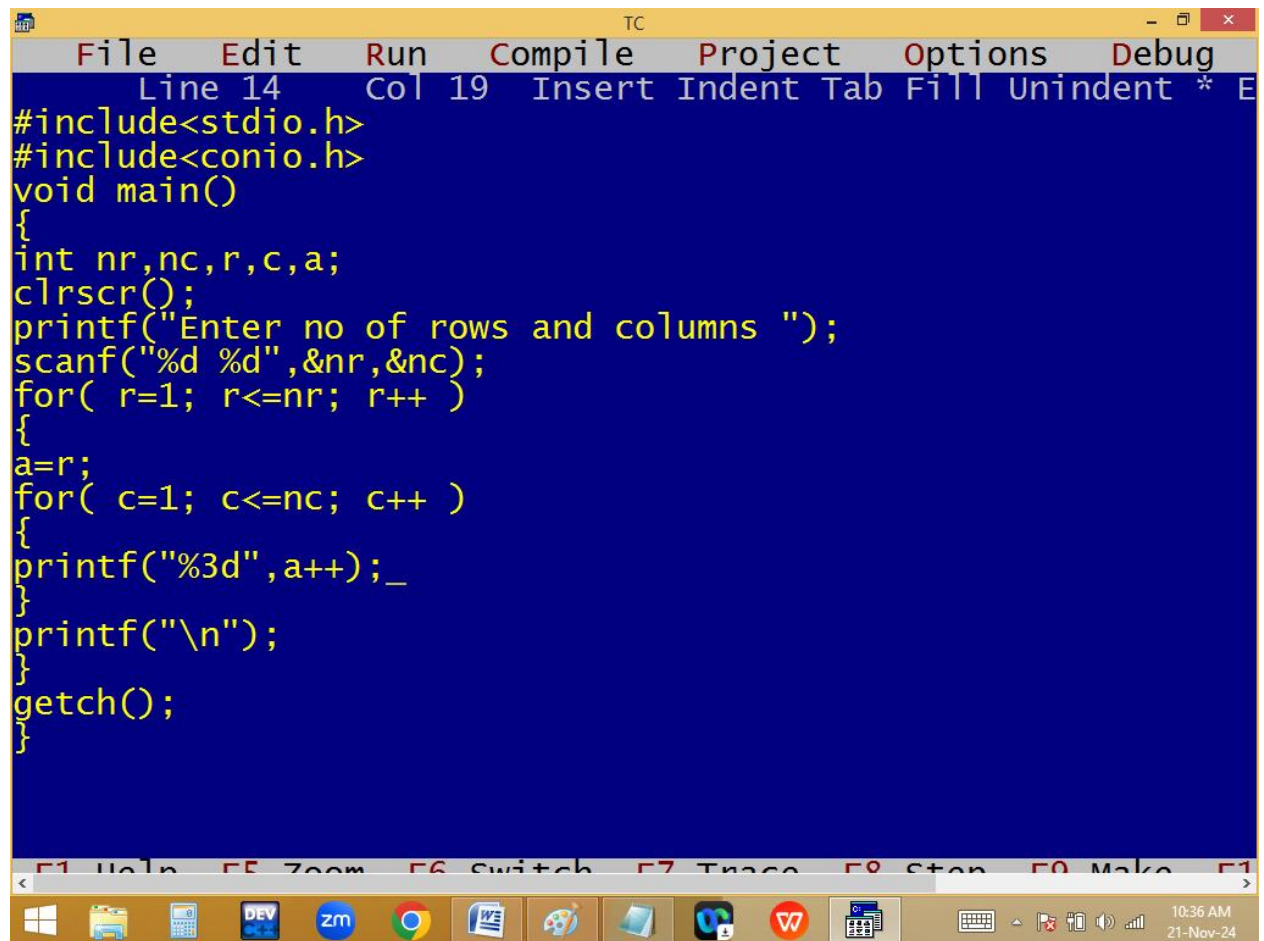
for( r=1; r<=3; r++ )
{
    char L='a', U='A';
    for( c=1; c<=4; c++ )
    {
        if(c%2==0) p( L++);
        else p( U++); ✓
    }
    if(r%2==0)L++;else U++;
    p("\n");
}

```

r: 1 to 3
c: 1 to 4
1 2 3 4 5
1 2 3 4 5
1 2 3 4 5



1 2 3 4 5 6
 A a B b C c

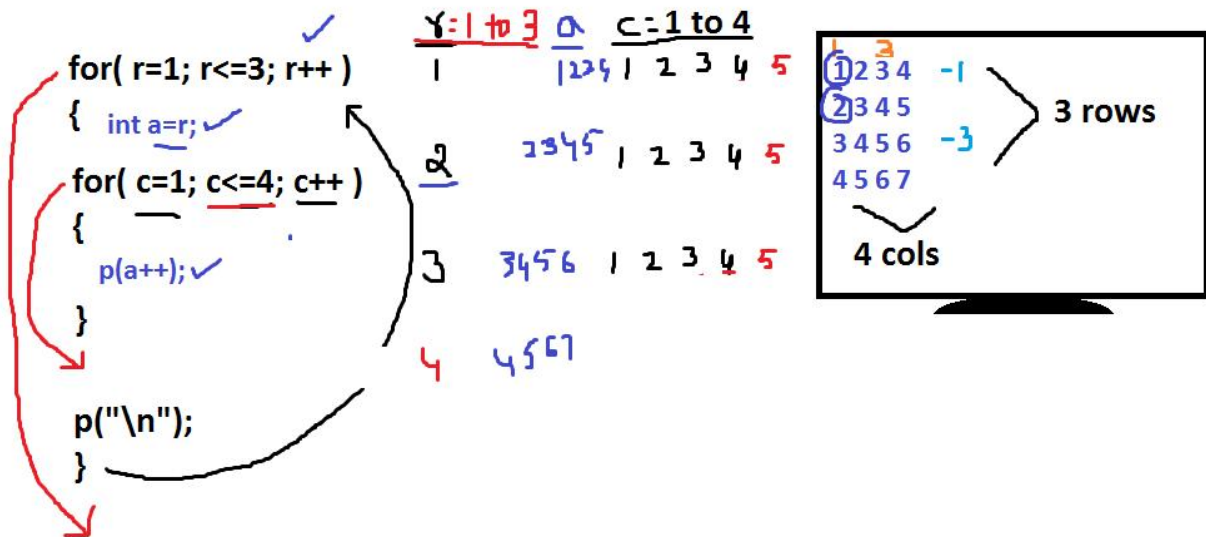


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 14", "Col 19", and a list of keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c,a;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
a=r;
for( c=1; c<=nc; c++ )
{
printf("%3d",a++);_
}
printf("\n");
}
getch();
}
```

At the bottom of the window, there is a toolbar with icons for various functions, and a status bar showing the time "10:36 AM" and the date "21-Nov-24".


```
TC
Enter no of rows and columns 4 4
1 2 3 4
2 3 4 5
3 4 5 6
4 5 6 7
```



```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 19 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{
for( c=1; c<=nc; c++ )
{
printf("%3d",r+c-1);
}
printf("\n");
}
getch();
}
```

F1 Help F5 Zoom F6 Switch F7 Trace F8 Stop F9 Make F10

10:40 AM
21-Nov-24


```

Enter no of rows and columns 5 7
1 2 3 4 5 6 7
2 3 4 5 6 7 8
3 4 5 6 7 8 9
4 5 6 7 8 9 10
5 6 7 8 9 10 11

```

```

for( r=1; r<=3; r++ )
{
    for( c=1; c<=4; c++ )
    {
        p(r+c-1);
    }
    p("\n");
}

```

r = 1 to 3

1 2 3 4 5

2 1 2 3 4 5

3 3 4 5 1 2 3 4 5

4 4 5

c = 1 to 4

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 -1

2 3 4 5 -3

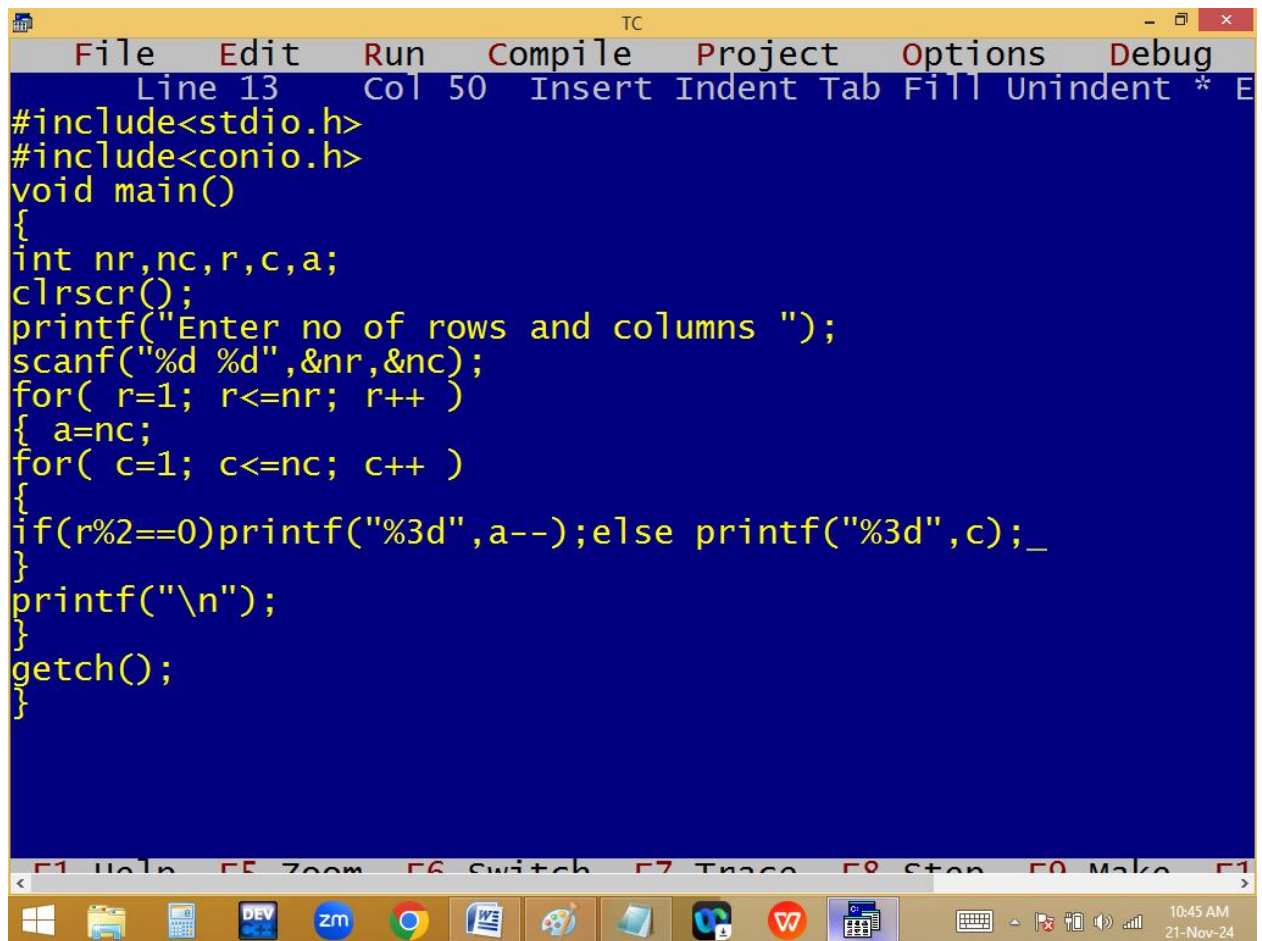
3 4 5 6

4 5 6 7

3 rows

4 cols

$1+1-1=1$	$1+2-1=2$	$1+3-1=3$	$1+4-1=4$
$2+1-1=2$	$2+2-1=3$	$2+3-1=4$	$2+4-1=5$
$3+1-1=3$	$3+2-1=4$	$3+3-1=5$	$3+4-1=6$



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 13", "Col 50", and lists keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", "*", and "E". The main editing area has a dark blue background with yellow text. It contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int nr,nc,r,c,a;
clrscr();
printf("Enter no of rows and columns ");
scanf("%d %d",&nr,&nc);
for( r=1; r<=nr; r++ )
{ a=nc;
for( c=1; c<=nc; c++ )
{
if(r%2==0)printf("%3d",a--);else printf("%3d",c);_
}
printf("\n");
}
getch();
}
```

At the bottom of the IDE, there is a toolbar with icons for various functions and a status bar. The status bar shows the time "10:45 AM" and the date "21-Nov-24".

```
TC
Enter no of rows and columns 7 8
1 2 3 4 5 6 7 8
8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8
8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8
8 7 6 5 4 3 2 1
1 2 3 4 5 6 7 8
```