

# include <iostream.h>

int main()

{

For (int i=1; i<=5; i++)

{

For (int j=1; j<=5; j++)

{

Cout << "\*";

}

Cout << endl;

}

return 0;

}

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

#include <iostream>

int main()

{

for (int i = 1; i <= 5; i++)

{

for (int j = 1; j <= 5; j++)

{

cout << i;

}

cout << endl;

}

return 0;

}

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

# include <iostream>

int main()

{

for (int i=1; i<=5; i++)

{

for (int j=1; j<=5; j++)

{

cout << j;

}

cout << endl;

{

return 0;

}

5 5 5 5 5

4 4 4 4 4

3 3 3 3 3

2 2 2 2 2

1 1 1 1 1

# include <iostream.h>

int main()

{

For (int i=5; i>=1; i-- )

{

For (int j=1; j<5; j++ )

{

cout << i;

}

Cout << endl;

}

return 0;

}

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

# include <iostream.h>

int main()

{

for(int i=5; i>=1; i--)

{

for(int j=5; j>=1; j--)

{

cout << j;

}

cout << endl;

}

return 0;

}

1 2 3 4 5  
6 7 8 9 10  
11 12 13 14 15  
16 17 18 19 20  
21 22 23 24 25

# include <iostream.h>

int main()

{

int n=5, k=1;

for (int i=1; i<=n; i++)

{

for (int j=1; j<=n; j++)

{

cout << k++ << " ";

}

cout << endl;

}

return 0;

}

1 3 5 7 9

11 13 15 17 19

21 23 25 27 29

31 33 35 37 39

41 43 45 47 49

#include <iostream.h>

int main()

{

int n=5;

int x=1;

For(int i=1; i<=n; i++)

{

For(int j=1; j<=n; j++)

{

cout << x << " ";

x+=2;

}

Cout<endl;

}

return 0;

}

2 4 6 8 10

12 14 16 18 20

22 24 26 28 30

32 34 36 38 40

42 44 46 48 50

#include <iostream.h>

int main()

{

int n=5;

int x=2;

for(int i=1; i<=n; i++)

{

for(int j=1; j<=n; j++)

{

Cout << x >> " ";

x+=2;

}

Cout << endl;

}

return 0;

7

1 2 3 4 5  
2 4 6 8 10  
3 6 9 12 15  
4 8 12 16 20  
5 10 15 20 25

#include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 1; j <= n; j++)

{

cout << (i \* j) << " ";

}

cout << endl;

}

return 0;

}

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

# include <iostream.h>

int main()

{

For (int i=1; i<=5; i++)

{

For (int j=1; j<=3; j++)

{

cout << j << "LLiLL" << i;

}

cout << endl;

}

return 0;

}

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

```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
For(int i=1; i<=5; i++)
```

```
{
```

```
For(int j=1; j<=3; j++)
```

```
{
```

```
Cout << i << " " << j << " ";
```

```
}
```

```
Cout << endl;
```

```
}
```

```
return 0;
```

```
}
```

1	6	11	16	21
2	7	12	17	22
3	8	13	18	23
4	9	14	19	24
5	10	15	20	25

```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
int n = 5;
```

```
int x;
```

```
for (int i = 1; i <= n; i++)
```

```
{
```

```
x = i;
```

```
for (int j = 1; j <= n; j++)
```

```
{
```

```
Cout << x << " ";
```

```
x += n;
```

```
}
```

```
Cout << endl;
```

```
}
```

```
return 0;
```

```
}
```

1	10	11	20	21
2	9	12	19	22
3	8	13	18	23
4	7	14	17	24
5	6	15	16	25

```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
int n = 5;
```

```
int x, y;
```

```
for (int i = 1; i <= n; i++)
```

```
{
```

```
x = i;
```

```
y = n - i + 1;
```

```
for (int j = 1; j <= n; j++)
```

```
{
```

```
if (j % 2 == 1)
```

```
{
```

```
cout << x << " ";
```

```
} else
```

```
{ cout << y << " ";
```

```
}
```

```
x = x + n;
```

```
y = y + n;
```

```
}
```

```
cout << endl;
```

```
}
```

```
return 0;
```

```
}
```

5	10	15	20	25
4	9	14	19	24
3	8	13	18	23
2	7	12	17	22
1	6	11	16	21

```
#include <iostream>
```

```
int main()
```

```
{
```

```
int n=5;
```

```
int x;
```

```
for (int i=1; i<=n; i++)
```

```
{
```

```
x = n-i+1;
```

```
for (int j=1; j<=n; j++)
```

```
{
```

```
cout << x << " ";
```

```
x = x + n;
```

```
}
```

```
Cout << endl;
```

```
}
```

```
return 0;
```

```
}
```

5	6	15	16	25
4	7	14	17	24
3	8	13	18	23
2	9	12	19	22
1	10	11	20	21

```
#include <iostream>
```

```
int main()
```

```
{
```

```
    int n = 5;
```

```
    int x, y;
```

```
    for (int i = 1; i <= n; i++)
```

```
{
```

```
    x = i;
```

```
    y = n - i + 1;
```

```
    for (int j = 1; j <= n; j++)
```

```
{
```

```
        if (j % 2 == 0)
```

```
{
```

```
            cout << x << " ";
```

```
}
```

```
        else
```

```
{
```

```
            cout << y << " ";
```

```
}
```

```
        x = x + n;
```

```
}
```

```
        y = y + n;
```

```
    }
```

```
    cout << endl;
```

```
}
```

```
    return 0;
```

1	2	3	4	5
2	3	4	5	6
3	4	5	6	7
4	5	6	7	8
5	6	7	8	9

```
#include <iostream.h>

int main ()
{
    int n=5;
    for(int i=1; i<=n; i++)
    {
        for(int j=1; j<=n; j++)
        {
            cout << (i+j-1) << " ";
        }
        cout << endl;
    }
    return 0;
}
```

1 3 5 7 9  
3 5 7 9 11  
5 7 9 11 13  
7 9 11 13 15  
9 11 13 15 17

#include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 1; j <= n; j++)

{

cout << LL(2^(i+j)) - 3LL ";

}

cout << endl;

}

return 0;

}

0	1	0	1	0
1	0	1	0	1
0	1	0	1	0
1	0	1	0	1
0	1	0	1	0

# include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 1; j <= n; j++)

{

cout << ((i+j) % 2) << " ";

}

cout << endl;

}

return 0;

}

10101  
01010  
10101  
01010  
10101

#include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 0; j < n; j++)

{

cout << ((i+j) % 2) << " ";

}

cout << endl;

}

return 0;

}

1 0 1 0 1  
0 0 0 0 0  
1 0 1 0 1  
0 0 0 0 0  
1 0 1 0 1

#include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 1; j <= n; j++)

{

cout << ((i \* j) % 2) << " ";

}

cout << endl;

}

return 0;

}

0	0	0	0	0
1	0	1	1	1
1	0	0	0	0
0	1	0	0	0
1	1	1	1	1
0	0	0	0	0

```
#include <iostream.h>
int main()
```

if (n > 5)

else cout << "Even number"

}

```
cout << endl;
```

}

```
cout << ((i*j)%2) << endl;
```

}

cout << endl;

}

return 0;

}

```
1 1 1 1  
0 0 0 0
```

```
#include <iostream.h>  
int main()  
{  
    int n = 5;  
    for (int i = 0; i < n; i++)  
    {  
        for (int j = 1; j <= n; j++)  
        {  
            cout << (i % 2) << " ";  
        }  
        cout << endl;  
    }  
    return 0;  
}
```

1 1 1 1 1  
0 0 0 0 0  
1 1 1 1 1  
0 0 0 0 0  
1 1 1 1 1

```
#include <iostream.h>

int main()
{
    int n=5;
    for (int i=1; i<=n; i++)
    {
        for (int j=1; j<=n; j++)
        {
            cout << (i%2) << " ";
        }
        cout << endl;
    }
    return 0;
}
```

0 1 0 1 0  
0 1 0 1 0  
0 1 0 1 0  
0 1 0 1 0  
0 1 0 1 0

#include <iostream.h>

int main()

{

int n = 5;

for (int i = 1; i <= n; i++)

{

for (int j = 0; j < n; j++)

{

Cout << (j % 2) << " ";

}

Cout << endl;

}

return 0;

}

10101  
10101  
10101  
10101  
10101

```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
int n=5;
```

```
for (int i=1; i<=n; i++)
```

```
{
```

```
for (int j=1; j<=n; j++)
```

```
{
```

```
cout << (j%2) << " ";
```

```
}
```

```
cout << endl;
```

```
}
```

```
return 0;
```

```
}
```

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

#include <iostream.h>

int main()

{

char i, j;

For (int i = 'A'; j <= 'E'; i++)

{

For (int j = 'A'; j <= 'E'; j++)

{

Cout << char (i);

}

Cout << endl;

}

return 0;

}

A B C D E  
A B C D E  
A B C D E  
A B C D E  
A B C D E

#include <iostream.h>

int main()

char i, j;

for (int i = 'A'; i <= 'E'; i++)

{

    for (int j = 'A'; j <= 'E'; j++)

{

        cout << char(j);

}

    cout << endl;

}

return 0;

}

E E E E E  
D D D D D  
C C C C C  
B B B B B  
A A A A A

#include<iostream.h>

int main()

{

char i, j;

for (int i='E'; i>='A'; i--)

{

for (int j='E'; j>='A'; j--)

{

cout << char(i);

}

cout << endl;

}

return 0;

}

E D C B A  
E D C B A  
E D C B A  
E D C B A  
E D C B A

# include <iostream.h>

int main()

{

char i, j;

For( int i='E'; i>='A'; i-- )

{

For( int j='E'; j>='A'; j-- )

{

Cout << char(j);

}

Cout << endl;

}

return 0;

}

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

#include<iostream.h>

int main()

{

int n=5;

char ch='A';

For( int i=1; i<=n; i++ )

{

For( int j=1; j<=n; j++ )

{

cout<<ch<<" ";

if(ch<'z')

ch++;

else

ch='A';

/\*reset char\*/

} cout<<endl;

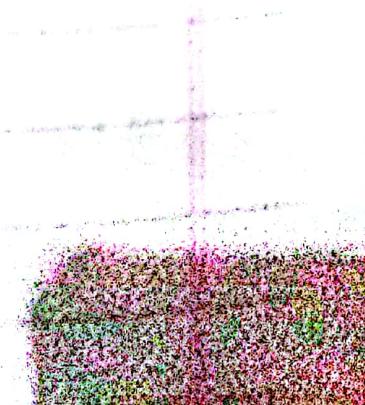
}

return 0;

}

A B C D E  
B C D E F  
C D E F G  
D E F G H  
E F G H I

```
# include <iostream>
int main()
{
    int n=5;
    for (int i=0; i<n; i++)
    {
        for (int j=0; j<n; j++)
        {
            cout << (char)(i+j+65) << " ";
        }
        cout << endl;
    }
    return 0;
}
```



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

#include <iostream.h>

int main()

{

int n=5;

int x;

For( int i=0; i<h; j++ )

{

x=i;

For( int j=1; j<=h; j++ )

{

x+=n;

Cout << (char)(x-n+65) << " ";

}

Cout << endl;

}

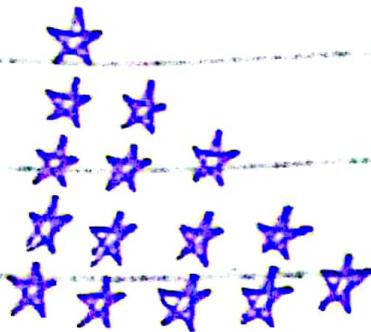
return 0;

}

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

```
#include <iostream>

int main()
{
    int n=5;
    int x;
    For (int i=1; i<=n; i++)
    {
        x = n-i;
        For (int j=1; j<=n; j++)
        {
            cout << (char)(x+65) << "";
            x = x + 1;
        }
        cout << endl;
    }
    return 0;
}
```



```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
    for (int i = 1; i <= 5; i++)
```

```
{
```

```
        for (int j = 1; j <= i; j++)
```

```
{
```

```
            cout << "*";
```

```
}
```

```
        cout << endl;
```

```
}
```

```
    return 0;
```

```
}
```

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

#include <iostream>

int main()

{

    for (int i = 1; i <= 5; i++)

    {

        for (int j = 1; j <= i; j++)

    {

        cout << i;

    }

    cout << endl;

}

    return 0;

}

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

#include <iostream.h>

int main()

{

For(int i=1; i<=5; i++)

{

For(int j=1; j<=i; j++)

{

Cout << j;

}

Cout << endl;

}

return 0;

}

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

```
#include <iostream.h>
```

```
int main()
```

```
{
```

```
int n=5;
```

```
For (int i=n; i>=1; i--)
```

```
{
```

```
For (int j=i; j>=i; j--)
```

```
{
```

```
Cout<<i<<" ";
```

```
}
```

```
Cout<<endl;
```

```
}
```

```
return 0;
```

```
}
```

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

#include <iostream.h>

int main()

{

int n = 5;

for (int i = n; i >= 1; i--)

{

for (int j = n; j >= i; j--)

{

cout << j << " ";

}

cout << endl;

}

return 0;

}

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

#include <iostream.h>

int main()

int n=5;

for(int i=n; i>=1; i--)

{

for(int j=1; j<=n; j++)

{

Cout << j << " ";

}

Cout << endl;

}

return 0;

}

2  
2 4  
2 4 6  
2 4 6 8  
2 4 6 8 10

#include <iostream.h>

int main()

{

int n=5;

For (int i=1; i<=n; i++)

{

For (int j=1; j<=i; j++)

{

Cout << j #2LL " ";

}

Cout << endl;

}

return 0;

}

1  
2 3  
4 5 6  
7 8 9 10

#include <iostream.h>

int main()

{

int i, j;

int n = 1;

for (int i = 1; i <= 4; i++)

{

    for (int j = 1; j <= i; j++)

{

    cout << n;

    n++;

}

    cout << endl;

}

return 0;

}

1  
2 3  
3 4 5  
4 5 6 7  
5 6 7 8 9

#include <iostream.h>

int main()

{

int n=5;

for (int i=1; i<=n; i++)

{

for (int j=1; j<=i; j++)

{

cout<<(i+j-1) << " ";

}

cout<<endl;

}

return 0;

}

1  
3 5  
5 7 9  
7 9 11 13  
9 11 13 15 17

#include <iostream.h>

int main()

{

int i, j, t;

for (i=1; i<=5; i++)

{

t=i-1;

for (j=1; j<=i; j++)

{

cout<<t+i<">;

t+=2;

}

cout<<endl;

{

return 0;

}

1  
3 2  
6 5 4  
10 9 8 7

#include <iostream.h>

int main()

{

int i, j, k = 0;

int n = 4; // size

For (int i = 1; i <= n; i++)

{

k += i;

For (int j = k; j > k - i; j--)

{

Cout << j;

}

Cout << "\n";

}

return 0;

}

1  
3 5  
7 9 11  
13 15 17 19  
21 23 25 27 29

#include <iostream.h>

int main()

{

int n=5, x=1;

for (int i=n; i>=1; i--)

{

for (int j=n; j>=i; j--)

{

Cout<<x<<"";

x+=2;

}

Cout<<endl;

}

return 0;

}

2  
4 6  
8 10 12  
14 16 18 20  
22 24 26 28 30

#include <iostream>

int main()

{

int n=5, x=2;

for (int i=n; i>=1; i--)

{

for (int j=i; j>=1; j--)

{

Cout << x << " ";

x+=2;

}

Cout << endl;

}

return 0;

}

1  
2 4  
3 6 9  
4 8 12 16  
5 10 15 20 25

# include <iostream>

int main()

{

int n=5;

for (int i=1; i<=n; i++)

{

for (int j=1; j<=i; j++)

{

cout << (i\*j) << " ";

}

cout << endl;

}

xetion o;

}

1  
6 2  
10 7 3  
13 11 8 4  
15 14 12 9 5

#include <iostream>

int main()

{

int n = 5;

int x = 1, y, t;

for (int i = n; i >= 1; i--)

{

y = i;

t = x;

for (int j = n; j >= i; j--)

{

cout << t << " ";

t = t - y;

y += i;

}

x = x + i;

cout << endl;

3

return 0;

3

1  
9 2  
10 8 3  
14 11 7 4  
15 13 12 6 5

```
#include <iostream>
int main()
{
    int n = 5;
    int x = 1, y = n;
    int t1, t2;
    int d1, d2;
    for (int i = n; i >= 1; i--)
    {
        t1 = x;
        t2 = y;
        r1 = i;
        r2 = i + 1;
        for (int j = n; j >= i; j--)
        {
            if ((i + j) % 2 == 0)
            {
                cout << t1 << " ";
                t1 = t2;
                t2 = y;
            }
            else
                cout << t2 << " ";
                t2 = t1;
                t1 = x;
        }
        cout << endl;
    }
}
```

```
Cout << t1 << " ";
```

```
}
```

```
else
```

```
{
```

```
Cout << t2 << " ";
```

```
}
```

```
t1 = t1 - x1++;
```

```
t2 = t2 - x2++;
```

```
}
```

```
y = y + i - 1;
```

```
x = x + i;
```

```
Cout << endl;
```

```
}
```

```
return 0;
```

```
}
```