1.Find pattern

\*

\*

\*

\*

\*

//code

public class star1 {

public static void main(String[] args) {

System.out.println("\*");

System.out.println("\*");

System.out.println("\*");

System.out.println("\*");

System.out.println("\*");

}

}

//Another Way

public class star2 {

public static void main(String[] args) {

for(int i=0;i<=5;i++)

{

System.out.println("\*");

}

}

}

2.Find Pattern

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

//code

public class star3 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print("\*");

}

System.out.println();

}

}

}

3.Find the pattern

11111

22222

33333

44444

55555

//code

public class star4 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(i+1);

}

System.out.println();

}

}

}

4.Find the pattern

\*\*\*\*\*

\* \*

\* \*

\* \*

\*\*\*\*\*

//code

public class star5 {

public static void main(String[] args) {

int

n=5;

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

{

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

{

if(i==0 || i==4 || j==0 || j==4)

{

System.out.print("\*");

}

else

{

System.out.print(" ");

}

}

System.out.println();

}

}

}

5.Find the pattern

01 02 03 04 05 06

07 08 09 10 11 12

13 14 15 16 17 18

19 20 21 22 23 24

25 26 27 28 29 30

//code

public class star6 {

public static void main(String[] args) {

int n=5;

int count=1;

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

{

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

{

if(count<10)

{

System.out.print("0");

}

System.out.print(count +" ");

count ++;

}

System.out.println();

}

}

}

6.Find pattern

01 02 03 04 05 06 07 08

09 10 11 12 13 14 15

16 17 18 19 20 21

22 23 24 25 26

27 28 29 30

31 32 33

34 35

36

//code

public class star6 {

public static void main(String[] args) {

int n=8;

int count=1;

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

{

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

{

if(count<10)

{

System.out.print("0");

}

System.out.print(count +" ");

count++;

}

System.out.println();

}

}

}

7.Find the pattern

01

02 03

04 05 06

07 08 09 10

11 12 13 14 15

16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31 32 33 34 35 36

//code

public class star6 {

public static void main(String[] args) {

int n=8;

int count=1;

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

{

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

{

if(count<10)

{

System.out.print("0");

}

System.out.print(count +" ");

count++;

}

System.out.println();

}

}

}

8.Find the pattern

01 02 03 04 05

02 04 06 08 10

03 06 09 12 15

04 08 12 16 20

05 10 15 20 25

//code

public class star7 {

public static void main(String[] args) {

int n=5;

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

{

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

if(i\*j<10) {

System.out.print(0);

}

System.out.print(i\*j+" ");

}

System.out.println();

}

}

}

9.Find the pattern

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

//code

public class star8 {

public static void main(String[] args) {

int n=5;

int count=1;

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

{

count=i;

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

System.out.print(count+" ");

count++;

}

System.out.println();

}

}

}

//Another way

public class star8 {

public static void main(String[] args) {

int n=5;

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

{

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

System.out.print(i+j-1+" ");

}

System.out.println();

}

}

10.Find the pattern

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

//code

public class star9 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print("\*");

}

System.out.println();

}

}

}

11.Find the pattern

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

//code

public class star10 {

public static void main(String[] args) {

int n=5;

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

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

System.out.print(j+" ");

}

System.out.println();

}

}

}

12.Find the pattern

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

//code

public class star11 {

public static void main(String[] args) {

int n=5;

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

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

System.out.print(i+" ");

}

System.out.println();

}

}

}

13.Find the pattern

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

//code

public class star12 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(" ");

}

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

{

System.out.print("\*");

}

System.out.println();

}

}

}

14.Find the pattern

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

//code

public class star13 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(" ");

}

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

{

System.out.print("\* ");

}

System.out.println();

}

}

}

15.Find the pattern

\*

\* \*

\* \*

\* \*

\* \* \* \* \*

//code

public class star14 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(" ");

}

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

{

if(j==1 || i==5 || i==j)

{

System.out.print("\* ");

}

else

{

System.out.print(" ");

}

}

System.out.println();

}

}

}

16.Find the pattern

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

//Code

public class star15 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(j + " ");

}

System.out.println();

}

}

}

17.Fing the pattern

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

public class star15 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.***out***.print(" ");

}

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

{

System.***out***.print(j + " ");

}

System.***out***.println();

}

}

}

18.Find the pattern

1

1 2

1 3

1 4

1 2 3 4 5

//code

public class star15 {

public static void main(String[] args) {

int n=5;

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

{

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

{

if(j==1 || i==n || i==j) {

System.out.print(j + " ");

}

else

{

System.out.print(" "); //double space

}

}

System.out.println();

}

}

}

19.Find the pattern

1

1 2

1 3

1 4

1 2 3 4 5

//code

public class star15 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(" ");

}

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

{

if(j==1 || i==n || i==j) {

System.out.print(j + " ");

}

else

{

System.out.print(" "); //2spaces

}

}

System.out.println();

}

}

}

20.Find the pattern

\*

\* \* \*

\* \* \* \* \*

\* \* \* \* \* \* \*

\* \* \* \* \* \* \* \* \*

//code

public class star16 {

public static void main(String[] args) {

int n=5;

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

{

for(int j=1;j<=2\*i-1;j++) {

System.out.print("\* ");

}

System.out.println();

}

}

}

21.Find the pattern

\*

\*\*\*

\*\*\*\*\*

\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*

//code

public class star17 {

public static void main(String[] args) {

int n=5;

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

{

for(int k=1;k<=n-i;k++) {

System.out.print(" ");

}

for(int j=1;j<=2\*i-1;j++) {

System.out.print("\*");

}

System.out.println();

}

}

}

22.Find the pattern

1

1 2 1

1 2 3 2 1

1 2 3 4 3 2 1

1 2 3 4 5 4 3 2 1

//code

public class star17 {

public static void main(String[] args) {

int n=5;

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

{

int count =1;

for(int j=1;j<=2\*i-1;j++) {

System.out.print(count + " ");

if(i>j) {

count++;

}

else

{count--;

}

}

System.out.println();

}

}

}

23.Find the pattern

1

1 2 1

1 2 3 2 1

1 2 3 4 3 2 1

1 2 3 4 5 4 3 2 1

//code

public class star17 {

public static void main(String[] args) {

int n=5;

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

{

int count =1;

for(int k=1;k<=n-i;k++) {

System.out.print(" ");//2spaces

}

for(int j=1;j<=2\*i-1;j++) {

System.out.print(count + " ");

if(i>j) {

count++;

}

else

{count--;

}

}

System.out.println();

}

}

}

24.Find the pattern

111112

322222

333334

544444

555556

public class star18 {

public static void main(String[] args) {

int n=5;

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

{

if(i%2 == 0) {

System.out.print(i+1);

}

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

{

System.out.print(i);

}

if(i%2 !=0)

{

System.out.print(i+1);

}

System.out.println();

}

}

}

25.Find the pattern

1

22

333

4444

55555

444

33

2

//code

public class star19 {

public static void main(String[] args) {

int n=5;

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

{

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

System.out.print(i);

}

System.out.println();

}

//second part or second half

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

{

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

{

System.out.print(n-i);

}

System.out.println();

}

}

}

26.Find the pattern

A

B B

C C C

D D D D

E E E E E

//code

public class star20 {

public static void main(String[] args) {

int n=5;

int ch=65;

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

{

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

{

System.out.print((char)ch +" ");

}

ch++;

System.out.println();

}

}

}

27.Find the pattern

A

A B

A B C

A B C D

A B C D E

//code

public class star21 {

public static void main(String[] args) {

int n=5;

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

char ch='A';

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

{

System.out.print(ch +" ");

ch++;

}

System.out.println();

}

}

}

28.Find the pattern

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

//code

public class star22 {

public static void main(String[] args) {

int n=5;

char ch='A';

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

{

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

{

System.out.print(ch +" ");

ch++;

}

System.out.println();

}

}

}

29.Find the pattern

A

B C

D E F

G H I J

K L M N O

//code

public class star22 {

public static void main(String[] args) {

int n=5;

char ch='A';

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

{

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

{

System.out.print(ch +" ");

ch++;

}

System.out.println();

}

}

}

30.Find the pattern

1

3 \*2

6 \*5 \*4

10 \*9 \*8 \*7

15 \*14 \*13 \*12 \*11

//code

public class star23 {

public static void main(String[] args) {

int n=5;

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

{

int count=i\*(i+1)/2;

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

{

System.out.print(count-- +" ");

if(j<i)

{

System.out.print("\*");

}

}

System.out.println();

}

}

}

31.Find the pattern

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

//code

public class p1 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(" ");

}

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

{

System.out.print("\* ");

}

System.out.println();

}

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

{

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

{

System.out.print(" ");

}

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

{

System.out.print("\* ");

}

System.out.println();

}

}

}

32.Find the pattern

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

//code

public class p2 {

public static void main(String[] args) {

int n=5;

int count=1;

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

{

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

{

System.out.print(count +" ");

count++;

}

System.out.println();

}

}

}

33.Find the Pattern

1

3 2

6 5 4

10 9 8 7

15 14 13 12 11

//code

public class p3 {

public static void main(String[] args) {

int n=5;

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

{

int count=i\*(i+1)/2;

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

{

System.out.print(count-- +" ");

}

System.out.println();

}

}

}

34.Find the pattern

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

//code

public class p4 {

public static void main(String[] args) {

int n=5;

//int count=1;

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

{

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

{

System.out.print(j+ " ");

}

System.out.println();

}

}

}

35.Find the pattern

5 4 3 2 1

4 3 2 1

3 2 1

2 1

1

//code

public class p5 {

public static void main(String[] args) {

int n=5;

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

{

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

{

System.out.print(j +" ");

}

System.out.println();

}

}

}

36.Find the pattern

15

14 13

12 11 10

09 08 07 06

05 04 03 02 01

//code

public class p6 {

public static void main(String[] args) {

int n=5;

int count=15;

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

{

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

{

if(count <10)

{

System.out.print("0");

}

System.out.print(count +" ");

count--;

}

System.out.println();

}

}

}

//Another Way

public class p7 {

public static void main(String[] args) {

int n=15;

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

{

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

{

if(n<10)

{

System.out.print("0");

}

System.out.print(n-- + " ");

}

System.out.println();

}

}

}