**Pattern 01**

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

**Program:-**

class p1{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern** 2

A

A B

A B C

A B C D

A B C D E

Program:-

class p2{

public static void main(String args[])

{

for(int i=65;i<=69;i++)

{

for(int j=65;j<=i;j++)

{

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

}

System.out.println(" ");

}

}

}

**Pattern 3:-**

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**Program:-**

class p3{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern 04**

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

**Program:-**

class p4{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern 5**

A

B B

C C C

D D D D

E E E E E

**Program:-**

class p5{

public static void main(String args[])

{

for(int i=65;i<=69;i++)

{

for(int j=65;j<=i;j++)

{

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

}

System.out.println(" ");

}

}

}

**Pattern 6**

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\* \* \* \* \*

**Program:-**

class p6{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

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

}

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

{

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

}

System.out.println();

}

}

}

**Pattern 7**

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

**Program:-**

class p7{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

System.out.print( " " );

}

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

{

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

}

System.out.println();

}

}

}

**Pattern 8**

5

4 5

3 4 5

2 3 4 5

1 2 3 4 5

**Program:-**

class p8{

public static void main(String args[]){

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

{

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

{

System.out.print( " " );

}

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

{

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

}

System.out.println();

}

}

}

**Pattern 9**

A

A B

A B C

A B C D

A B C D E

**Program:-**

class p9{

public static void main(String args[]){

for(int i=65;i<=69;i++)

{

for(int j=69;j>=i;j--)

{

System.out.print( " " );

}

for(int j=65;j<=i;j++)

{

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

}

System.out.println();

}

}

}

**Pattern 10**

E

D E

C D E

B C D E

A B C D E

**Program:-**

class p10{

public static void main(String args[]){

for(int i=69;i>=65;i--)

{

for(int j=i;j>65;j--)

{

System.out.print( " " );

}

for(int j=i;j<=69;j++)

{

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

}

System.out.println();

}

}

}

**Pattern 11**

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**Program:-**

class p11{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

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

}

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

{

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

}

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

{

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

}

System.out.println();

}

}

}

**Pattern 12**

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

**Program:-**

class p12{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

System.out.print( " " );

}

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

{

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

}

System.out.println();

}

}

**Pattern 13**

A

B B

C C C

D D D D

E E E E E

**Program:-**

class p13{

public static void main(String args[]){

for(int i=65;i<=69;i++)

{

for(int j=69;j>=i;j--)

{

System.out.print( " " );

}

for(int j=65;j<=i;j++)

{

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

}

System.out.println();

}

}

}

**Pattern 14**

1 2 3 4 5

1 2 3 4

1 2 3

1 2

1

**Program:-**

class p14{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern 15**

5 4 3 2 1

5 4 3 2

5 4 3

5 4

5

**Program:-**

class p15

{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern 16**

5

5 4

5 4 3

5 4 3 2

5 4 3 2 1

Program:-

class p16{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

**Pattern 17**

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

**Program:-**

class p17{

public static void main(String args[]){

int c=1;

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

{

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

{

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

c++;

}

System.out.println();

}

}

}

**Pattern 18**

A B C D E

A B C D

A B C

A B

A

**Program:-**

class p18{

public static void main(String args[]){

for(int i=69;i>=65;i--)

{

for(int j=65;j<=i;j++)

{

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

}

System.out.println();

}

}

}

Star Patterns

Pattern 01

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Programs:-

class ps1{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

Pattern 02

\*

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Program:-

class ps2{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

System.out.print(" ");

}

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

{

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

}

System.out.println();

}

}

}

Pattern 3

\*\*\*\*\*

\*\*\*\*

\*\*\*

\*\*

\*

Program:-

class ps3{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

}

}

Pattern 4

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\*

Program:-

class ps4{

public static void main(String args[]){

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

{

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

{

System.out.print(" ");

}

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

{

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

}

System.out.println();

}

}

}

Pattern 8

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Program:-

class ps8{

public static void main(String args[]){

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

{

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

{

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

}

System.out.println();

}

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

{

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

{

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

}

System.out.println();

}

}

}

Pattern 09

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Program;-

class ps9{

public static void main(String args[]){

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

{

for(int j=4;j>=i;j--)

{

System.out.print(" ");

}

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

{

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

}

System.out.println();

}

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

{

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

{

System.out.print(" ");

}

for(int j=4;j>=i;j--)

{

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

}

System.out.println();

}

}

}