

Alphabet Patterns programs in java

Pattern	Logic
<pre> + ++ ++ ++++ ++ + + </pre>	<pre> for (int i=1 ; i<=5 ; i++){ for (int j=1 ; j<=9 ; j++){ if((j==6-i) i==3&&j>3&&j<=7) j==4+i)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> ++++ + + + + ++++ + + + + ++++ </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if((j==1) i==1&&j<=6) i==4&&j<=6) i==7&&j<=6) j==7&&i>1&&i<4) j==7&&i>4&&i<7)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> ++++ + + + + + ++++ </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if((i==1&&j>1) j==1&&i>1&&i<7) i==7&&j>1)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 (i==1&&j<7) (i==7&&j<7) (j==7&&i>1&&i< 7)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> + + + + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 i==1 i==4 i==7) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 i==1 i==4) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 i==1 i==7 j==7&& i>=4) i==4&&j>=4)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 i==4 j==7) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(i==1 j==4 i==7) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(i==1 j==4 i==j+3) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++){ for (int j=1 ; j<=7 ; j++){ if(j==1 (j==6-i) (i==2+j)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>
Pattern	Logic
<pre> + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++) { for (int j=1 ; j<=7 ; j++) { if(j==1 i==7) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++) { for (int j=1 ; j<=7 ; j++) { if(j==1 j==7 (i==j&& j<=4) (j==8-i&&j>4)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>

Pattern	Logic
<pre> + + + + + + + + + + + + + + + + + </pre>	<pre> for (int i=1 ; i<=7 ; i++) { for (int j=1 ; j<=7 ; j++) { if(j==1 j==7 (i==j)) System.out.print("+"); else System.out.print(" "); } System.out.println(); } </pre>



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