Alphabet Patterns programs in java

Pattern	Logic
| <pre>      +<br>     + +<br>    +   +<br>   + + + +<br>  +     +<br> +       +</pre> | ```java
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();
}
``` |

Pattern	Logic
| <pre>+ + + +<br>+     +<br>+     +<br>+ + + +<br>+     +<br>+     +<br>+ + + +</pre> | ```java
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();
},
``` |

Pattern	Logic
| <pre>  + + + +<br>  +<br>  +<br>  +<br>  +<br>  +<br>    + + + +</pre> | ```java
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();
}
``` |

Pattern	Logic
| ```
+ + + +
+       +
+       +
+       +
+       +
+ + + +
``` | ```
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();
}
``` |

Pattern	Logic
| ```
+ + + + +
+
+
+ + + + +
+
+
+ + + + +
``` | ```
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();
}
``` |

Pattern	Logic
| ```
+ + + + +
+
+
+ + + + +
+
+
+
``` | ```
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();
}
``` |

Pattern	Logic

`+ + + + +`
`+`
`+`
`+         + +`
`+             +`
`+             +`
`+ + + + +`
	``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();
}```

Pattern	Logic

`+             +`
`+             +`
`+             +`
`+ + + + +`
`+             +`
`+             +`
`+             +`
	``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();
}```

Pattern	Logic

`+ + + + +`
`    +`
`    +`
`    +`
`    +`
`    +`
`+ + + + +`
	``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();
}```

Pattern	Logic
| ```
+ + + + +
        +
        +
+       +
   + +
        +
``` | ```
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();
}
``` |
| Pattern | Logic |
| ```
+           +
+       +
+   +
+
+   +
+       +
+           +
``` | ```
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();
}
``` |
| Pattern | Logic |
| ```
+
+
+
+
+
+ + + + +
``` | ```
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();
}
``` |

Pattern	Logic
| <pre>+         +<br>+ +     + +<br>+   +   +   +<br>+     +     +<br>+           +<br>+           +<br>+           +</pre> | ```java
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();
}
``` |

Pattern	Logic
| <pre>+           +<br>+ +         +<br>+   +       +<br>+     +     +<br>+       +   +<br>+         + +<br>+           +</pre> | ```java
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();
}
``` |