Pattern Programming

Q1.WAP to print Alphabets A,B,C,D,E,F,G,H using pattern programming logic.

```
package pw_01;
public class a5_assignments {
      System.out.println(" Print A
                                     #############;;
                 System.out.print("*");
                 System.out.print(" ");
         System.out.println();
                                       #############;;
      System.out.println(" Print B
                 System.out.print("*");
                 System.out.print(" ");
          System.out.println();
      System.out.println("Print C
                                         ################;;;
                 System.out.print("*");
                 System.out.print(" ");
```

```
System.out.println("print D
                                   ###############; ;
          System.out.print("*");
           System.out.print(" ");
   System.out.println();
System.out.println("print E
                                     ############################
           System.out.print("*");
           System.out.print(" ");
   System.out.println();
System.out.println("print F
                                    ######################;
           System.out.print("*");
           System.out.print(" ");
   System.out.println();
System.out.println("print G
                                   #############;;
           System.out.print("*");
           System.out.print(" ");
   System.out.println();
System.out.println("print H
                                   #############;;
          System.out.print("*");
       System.out.print(" ");
```

System.out.println("");

```
}
System.out.println();
```

Q3.WAP to print

Q2.WAP a program to print triangle using star pattern programming language.

Q4.WAP to print PW SKILLS using pattern programming language .

```
System.out.println("PW SKILLS");
           System.out.print("*");
            System.out.print(" ");
    System.out.print(" ");
            System.out.print("*");
            System.out.print(" ");
   System.out.print("
           System.out.print("*");
            System.out.print(" ");
    System.out.print(" ");
            System.out.print("*");
            System.out.print(" ");
    System.out.print(" ");
```

Q5.WAP to program to print your full name using pattern programming language.

```
System.out.print(" ");
for(int j =0; j<n; j++){
    if( i=0 | |i==n-1| j== (n-1)/2) {
        System.out.print("*");
    }
    else{
        System.out.print(" ");
}

System.out.print(" ");
for(int j=0; j<n; j++) {
    if(i==0 || j== (n-1)/2) {
        System.out.print(" ");
    }else{
        System.out.print(" ");
    }else
        System.out.print(" ");
}

System.out.print(" ");

for(int j =0; j<n; j++) {
    if(j== (n-1)/2&ai>(n-1)/2 || i==4&aj==6 ||
    i==3&aj==7||i==2&aj==8||i==1&aj==9||i==0&aj==n-1||i==4&aj==3||i==3&aj==2||i==2&aj==
1||i==1&aj==0||i==0&aj==0||i==0&aj==n-1||i==4&aj==3||i==3&aj==2||i==2&aj==
1||i==1&aj==0||i==0&aj==n-1||i==4&aj==3||i==3&aj==2||i==2&aj==
1||i==1&aj==0||i==0&aj==n-1||i==4&aj==6||i==1&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==3&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj==1||i==2&aj
```

Output -

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B#####################################

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C#####################################
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D#####################################
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E#####################################

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F#####################################

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Process finished with exit code 0