ASSIGNMENT-7(29 JAN)

Q. Write a Program(WAP) to print Alphabets A, B, C, D, E, F, G, H, using pattern programming logic?

Ans- A-Pattern

B-Pattern

```
}
}
}
```

C-Pattern

D-pattern

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

E-pattern

F-pattern

```
}
}
```

H-pattern

G-Pattern

Q. Write a program to print triangle using star pattern -programming logic.

Ans-Triangle-pattern

```
import java.util.Scanner;
```

Q.WAP tp print—

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

Q. Write a program to -print PW SKILLS using pattern -programming logic.

Ans-

```
public class pattern_pwskills {
    public static void main(String[] args)
        int n=10;
        for(int i=0; i<n; i++)</pre>
            for(int j=0; j<n; j++)</pre>
                 if(i==0 && j<(n-1)/2 || j==0 || j==(n-1)/2 && i<(n-1)/2||
i==(n-1)/2 \& j<(n-1)/2
                     System.out.print("*");
                     System.out.print(" ");
            for(int j=0; j<n; j++)</pre>
                if(j==0 || i+j==(n-1) && j<=(n-1)/2 || j==i && j>(n-1)/2 ||
j==(n-1))
                     System.out.print("*");
                     System.out.print(" ");
            System.out.print(" ");
            for(int j=0; j<n; j++)</pre>
```

```
if(i==0 && j<(n-1)/2 && j>0 || j==0 && i<(n-1)/2 || i==(n-1)/2
&& j<(n-1)/2 ||
                  j==(n-1)/2 \& i>(n-2)/2 \mid | i==(n-1) \& j<(n-1)/2
                     System.out.print("*");
                      System.out.print(" ");
             for(int j=0; j<n; j++)</pre>
                 if(j=0 || i+j==(n-1)/2 || i-j==(n-1)/2)
                     System.out.print("*");
                     System.out.print(" ");
             for(int j=0; j<n; j++)</pre>
                 if(i==0 \&\& j<(n-1)/2 \mid j==(n-1)/4 \mid i==(n-1) \&\& j<(n-1)/2)
                     System.out.print("*");
                 else
                     System.out.print(" ");
             for(int j=0; j<n; j++)</pre>
                 if(j==0 \mid | i==(n-1) \& j <=(n-1)/2)
                     System.out.print("*");
                     System.out.print(" ");
             for(int j=0; j<n; j++)</pre>
                 if(j==0 \mid | i==(n-1) \&\& j<=(n-1)/2)
```