```
1)//Write a Program to print Alphabets A,B,C,D,E,F,G,H using pattern
programming logic
public class q1 {
    public static void main(String[] args) {
        for (int i = 65; i < 73; i++) {
            System.out.print((char)i + " ");
        }
    }
}


2)//Write a program to print triangle using star pattern
public class q2 {
    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();
        }
    }
}
```

3)
```
public class q3
    public static void main(String[] args) {
        int n = 14;
        for (int i = 0; i < n; i++) {
            for (int j = 0; j < n; j++) {
                if ( i + j <= (n - 1) / 2 ||
                        i == 0 || j == 0 || i == n - 1 || j == n - 1 ||
j - i >= (n - 1) / 2) {
                    System.out.print("*");
                } else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

4)// print pw skills

```
public class pwskill  {
    public static void main(String[] args) {
        int n =15;
        for(int i=0;i<n;i++){
```

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

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

        }
    }
}
```

5)//print your name

```java
public class complex{public static void main(String[] args) {
    int n = 7;
    for(int i=0;i<n;i++){
        for(int j=0;j<n;j++){
            if(i-j==(n-1)/2 || i+j==(n-1)+(n-1)/2){
                System.out.print("*");
            }else{
                System.out.print(" ");
```

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



}}
```