1. Write a program to print aplhabets A,B,C,D,E,F,G,H using pattern programming logic.

Ans -

public class AlphabetPattern {

public static void main(String[] args) {

char startChar = 'A';

int numRows = 8;

for (int i = 1; i <= numRows; i++) {

for (int j = 1; j <= i; j++) {

System.out.print(startChar + " ");

startChar++;

}

System.out.println();

}

}

}

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

Ans -

public class TrianglePattern {

public static void main(String[] args) {

int numRows = 5;

for (int i = 1; i <= numRows; i++) {

for (int j = 1; j <= numRows - i; j++) {

System.out.print(" ");

}

for (int k = 1; k <= 2 \* i - 1; k++) {

System.out.print("\*");

}

System.out.println();

}

}

}

1. Printing "PW SKILLS" using Pattern Programming Logic

Ans –

public class SkillPattern {

public static void main(String[] args) {

String text = "PW SKILLS";

int length = text.length();

for (int i = 0; i < length; i++) {

for (int j = 0; j <= i; j++) {

System.out.print(text.charAt(j));

}

System.out.println();

}

}

}

1. Printing Your Full Name using Pattern Programming Logic

Ans –

public class FullNamePattern {

public static void main(String[] args) {

String fullName = "Tejas Mahajan";

int length = fullName.length();

for (int i = 0; i < length; i++) {

for (int j = 0; j <= i; j++) {

System.out.print(fullName.charAt(j));

}

System.out.println();

}

}

}