1.	**Write a Program to print Alphabets A,B,C,D,E,F,G,H, using the pattern programming language.**
| **Ans.** | ```java
public class Alphabet {
   public static void main(String[] args)
   {
       int r = 7;
       int a = 65; // ASCII value of 'A'

       for (int i = 1; i <= r; i++) {
          for (int j = 1; j <= i; j++) {
             System.out.print((char) a + " ");
             a++;
          }
          System.out.println();
       }
   }
}
``` |
| **2.** | **Write a Program to print triangular star pattern programming logic.** |
| **Ans.** | ```java
public class Triangle {
   public static void main(String[] args) {
      int r = 5; // Number of rows in the pattern

      for (int i = 1; i <= r; i++) {
         // Print spaces before each row
         for (int j = r - i; j >= 1; j--) {
            System.out.print(" ");
         }
         // Print stars in each row
         for (int k = 1; k <= i; k++) {
            System.out.print("* ");
         }
         // Move to the next line
         System.out.println();
      }
   }
}
``` |

3.	**Write a Program to print**
Ans.	

```
public class Pattern {
    public static void main(String[] args) {
        int r = 14; // Number of rows in the pattern
        int mr = r / 2 + 1;
        for (int i = 1; i <= r; i++)
          {
          // Print stars or dashes based on row position
          if (i <= mr)
          {
            for (int j = 1; j <= r - i + 1; j++)
              {
              System.out.print("*");
            }
            for (int k = 1; k <= i - 1; k++)
              {
              System.out.print("-");
            }
          } else
              {
            for (int j = 1; j <= i; j++)
              {
              System.out.print("*");
            }
            for (int k = 1; k <= r - i; k++)
              {
              System.out.print(" ");
            }
          }
          System.out.println();
        }
    }
}
```

4.	**Write a Program to print PW SKILLS using the pattern programming language.**

| **Ans.** | ```java
public class Pattern {
    public static void main(String[] args) {
        String word = "PW SKILLS";
        int r = 5; // Number of rows in the pattern
        int mr = r / 2 + 1;
        int charIndex = 0; // Current character index in the word
        for (int i = 1; i <= r; i++) {
            for (int j = 1; j <= r - i; j++) {
                System.out.print(" ");
            }
            for (int k = 1; k <= i * 2 - 1; k++) {
                // Print the characters from the word
                if (k % 2 == 1) {
                    System.out.print(word.charAt(charIndex));
                    charIndex = (charIndex + 1) % word.length();
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
``` |
| **5.** | **Write a Program to print your FULL Name using pattern programming logic.** |
| **Ans.** | ```java
public class Pattern {
    public static void main(String[] args) {
        String name = "VISHNUVARDAN";
        int length = name.length();

        for (int i = 0; i <=length; i++) {
            for (int j = 0; j <= i; j++) {
                System.out.print(name.charAt(j) + " ");
            }
            System.out.println();
        }
    }
}
``` |