JAVA PROGRAMS

1.PRINT STAR PROGRAM

```java
public class Star {

    public static void main(String[] args) {

        int n = 6;

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

            if(i == 2) continue;

            for(int j = 0; j < i+1; j++) {

                System.out.print("*");

            }

            System.out.println();

        }

    }

}
```

output:

```
*
**
****
*****
******
```

2.PROGRAM TO FIND THE FIBONICCI SERIES

```java
public class Fibonicci {

        public static void main(String[] args) {

                int f1 = 0, f2 = 1, f3;

                System.out.print(f1);          // to show f1 value

                System.out.print(" "+f2);      // to show f2 value

                for (int i = 0; i <= 10; i++) {

                        f3 = f2 + f1;

                        System.out.print("  "+f3);

                        f1 = f2;

                        f2 = f3;

                }

        }

}
```

output:

0 1 1 2 3 5 8 13 21 34 55 89 144

3.JAVA PROGRAM TO GET THE NULLPOINTEREXCEPTION:

```java
public class NullPointer {

        public static void main(String[] args) {

                 try {

                String[] arr = new String[3];

                arr[0] = "hello";

                arr[1] = "world";

                arr[2].length();   // This line will throw a NullPointerException

                 }

                 catch(Exception e) {

                        System.out.print(e);

                }

        }

}
```

output:

java.lang.NullPointerException