To implement a binary search in java I will need to use a function and an array.

Get the array length. Also control flow using if statements and loops

To write comments:

Single line: //

Muti-line: /\* \*/

To declare variable:

Datatype varName;

To ceclare an array:

Datatype[] arr;

To initialize an array;

Datatype[] arr = {data here};

To get array length:

Arr.length;

To use a while loop:

while(Boolean\_expression) {

// Statements

}

To a declare method

public static int methodName(int a, int b) {

// body

}

Methods can be overloaded by using different parameters

public static int methodName(int a, int b, int[] arr) {

// body

}

Decision controw flow:

if(Boolean\_expression) {

// Executes when the Boolean expression is true

}else {

// Executes when the Boolean expression is false

}

TO print output and go to next line

System.out.println(something here);