**Code in Java for binary conversion**

**import java.util.Scanner;**

**class DecimalToBinary{**

**public static void toBinary(int decimal){**

**int binary[] = new int[40];**

**int index = 0;**

**while(decimal > 0){**

**binary[index++] = decimal%2;**

**decimal = decimal/2;**

**}**

**for(int i = index-1;i >= 0;i--){**

**System.out.print(binary[i]);**

**}**

**System.out.println();//new line**

**}**

**public static void main(String args[]){**

**Scanner scanner = new Scanner(System.in);**

**System.out.println("Enter the value: ");**

**try{**

**int value = scanner.nextInt();**

**System.out.printf("Decimal of %d is: ",value);**

**toBinary(value);**

**scanner.close();**

**}catch(Exception e){**

**System.out.println("Invalide value!");**

**System.out.println(e);**

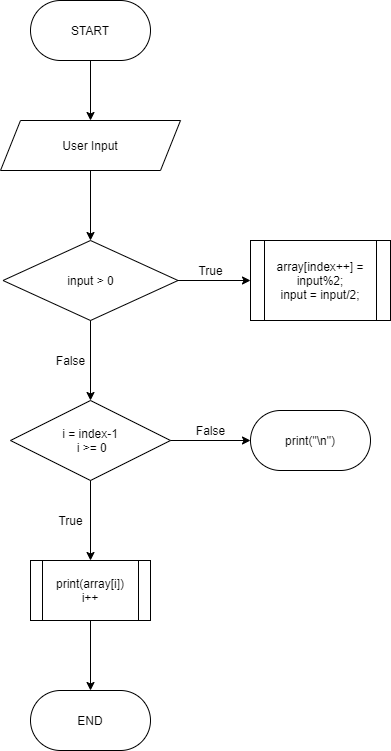
**System.exit(1);**

**}**

**}**

**}**

**FlowChart of binary conversion**

****