```java
import java.util.Scanner;


public class binarycalculator {

        public static void main(String[] args) {

                String stop = "1234";


                do{

                        Scanner sc = new Scanner(System.in);

                        System.out.println("Enter a decimal number: ");

                        String val = sc.next();

                        try{

                                int i = Integer.parseInt(val);

                                System.out.println("Binary equivalent of "+val+" is : ");

                                System.out.println(Integer.toBinaryString(i));


                        }catch(NumberFormatException e){

                                System.out.println("STOP!");

                                stop = "STOP";

                        }

                } while (stop != "STOP");

        }

}
```

```
C:\PROGRA~2\XINOXS~1\JCREAT~1\GE2001.exe

Enter a decimal number:
5
Binary equivalent of 5 is :
101
Enter a decimal number:
10
Binary equivalent of 10 is :
1010
Enter a decimal number:
20
Binary equivalent of 20 is :
10100
Enter a decimal number:
48
Binary equivalent of 48 is :
110000
Enter a decimal number:
91
Binary equivalent of 91 is :
1011011
Enter a decimal number:
STOP
STOP!
Press any key to continue..._
```