***LAB Task***

package recursive;

import java.util.Scanner;

/\*\*

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public class Recursive {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

int number;

System.out.println("Enter decimal nmber");

number=s.nextInt();

System.out.println(search(number));

}

}

static int search(int number)

{

if (number == 0)

return 0;

else

return (number % 2 + 10 \*

search(number / 2));

}