Sum is less than 150 or not.

Problem | Submissions | Leaderboard | Discussions

You will be given three integer inputs x, y, z. You have to find the sum of these inputs. Print true if the sum is less than 150 and false otherwise.

Steps.

1. 3 i/p
   ↳ scn
2. sum
3. print result.

100

x = 20
y = 70
z = 10

true

x = 70
y = 80
z = 20

170

false

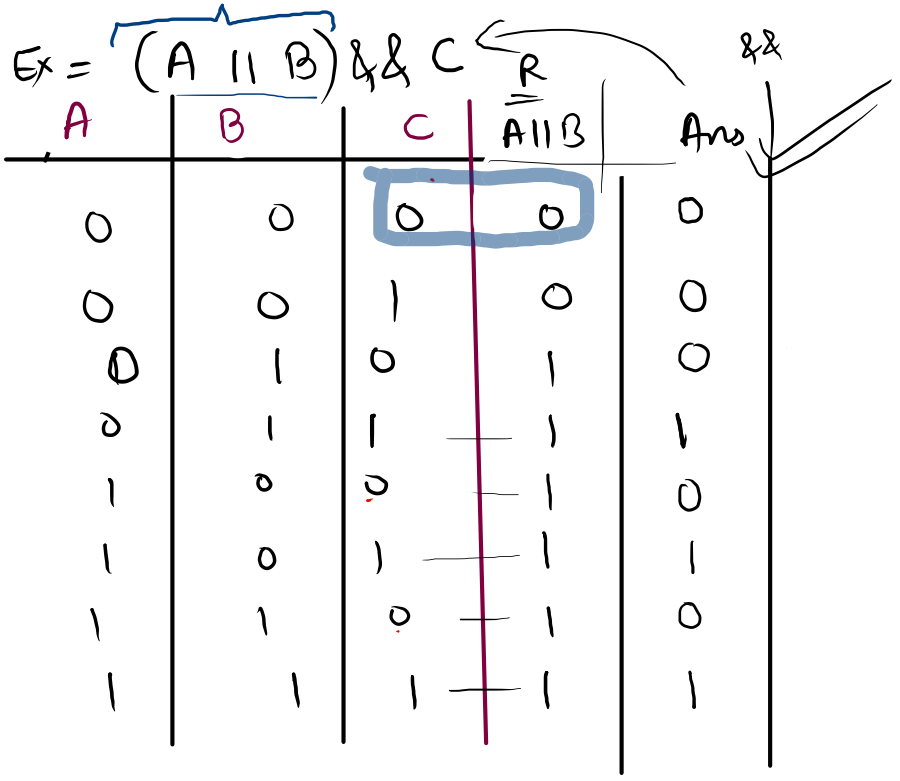
Language: Java 8

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int x = scn.nextInt();
        int y = scn.nextInt();
        int z = scn.nextInt();

        int sum = x + y + z;

        System.out.println(sum < 150);
    }
}
```

Eg.

A	B	C	A ∥ B ∥ C
0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

8



(A || B) && C

1. (A || B)

↓

(R) && C

↳ Ans

A = true

B = true

C = false

D = false

1. $(A \&\& B) \&\& (C \| D)$

$= ?\ T \&\& (C \| D) \Rightarrow T \&\& F$

$\Rightarrow$ False

2. $(A \| (B \&\& D)) \| C$

$(A \| F) \| C \Rightarrow T \| F \Rightarrow$ True

B && D

T && F ⇒ F

3. $(A \| D) \| (B \&\& A) \| (A \| B)$

$T \| T \| T \Rightarrow$ True

* if - else ?

n = 10

↳ Greater.

otherwise

↳ Smaller.

Adult or Not.

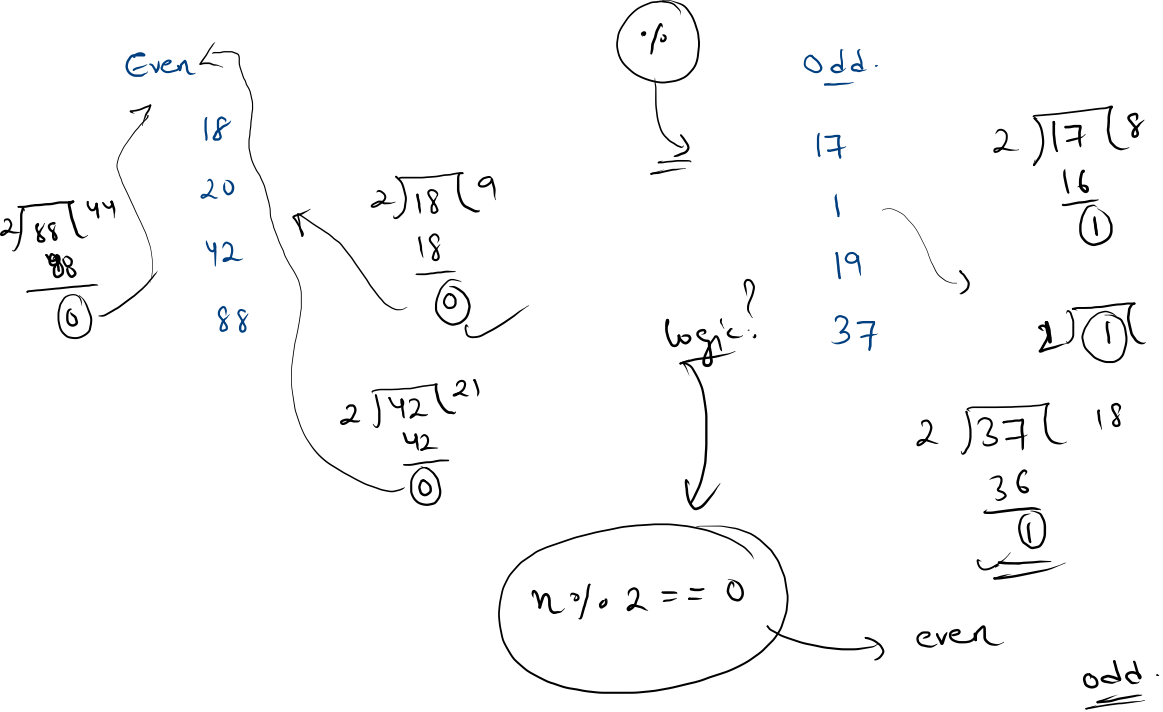
age ≥ 18

↳ Adult

Otherwise

↳ Below age.

```java

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int age = scn.nextInt();

        if( age >= 18 ){
            System.out.println("Adult");
        }
        else{
            System.out.println("Below age");
        }

    }
}
```




```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();

        if( n % 2 == 0 ){
            System.out.println("true");
        }
        else{
            System.out.println("false");
        }


    }
}
```

* if → else if → else.

n = 1/2/3/4/5

→ one
two
three
four
five.

if → agr ye hua to

else if →

default else

if

else

if else

if else if else

Hackerrank.

Truth Table.