Revision.

↳ if else if else.

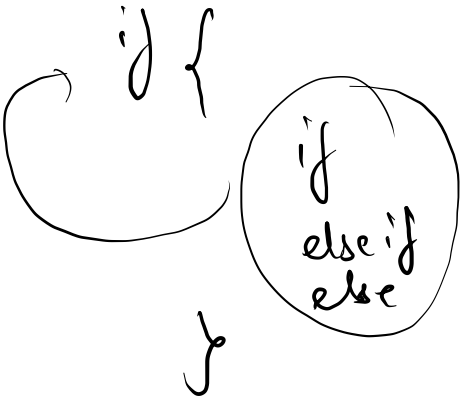
↳ more than 1 condn.

```
if ( condn 1 )
{
   ------
}
else if ( condn 2)
{
}
else if ( condn 3 )
{
}
else if ( condn 4 )
{
}
else
{ }
```

Nested. if else.

if - else

↳ if else.



else if ( )

{ if

else

}

Print final z

Problem | Submissions | Leaderboard | Discussions

Take input three numbers **x, y, z** as an integer input

Then if the value of **x is greater than or equal to 20**,

a. If the value of **y is greater than or equal to 100** then **add 100 to the value of z.**

b. If the value of **y is less than 100 and greater than or equal to 50**, then **add 50 to the value of z.**

c. Else **add 10 to the value of z.**

Else if the value of **x is less than 20**,

a. If the value of **y is greater than or equal to 100** then **add 3 to the value of z.**

b. If the value of **y is less than 100 and greater than or equal to 50**, then **add 2 to the value of z.**

c. Else **add 1 to the value of z.**

Print the **final value of z** as an integer output in the end.

Print the **final value of z** as an integer output

Sample Input 0

```
30
120
30
```

Sample Output 0

```
130
```

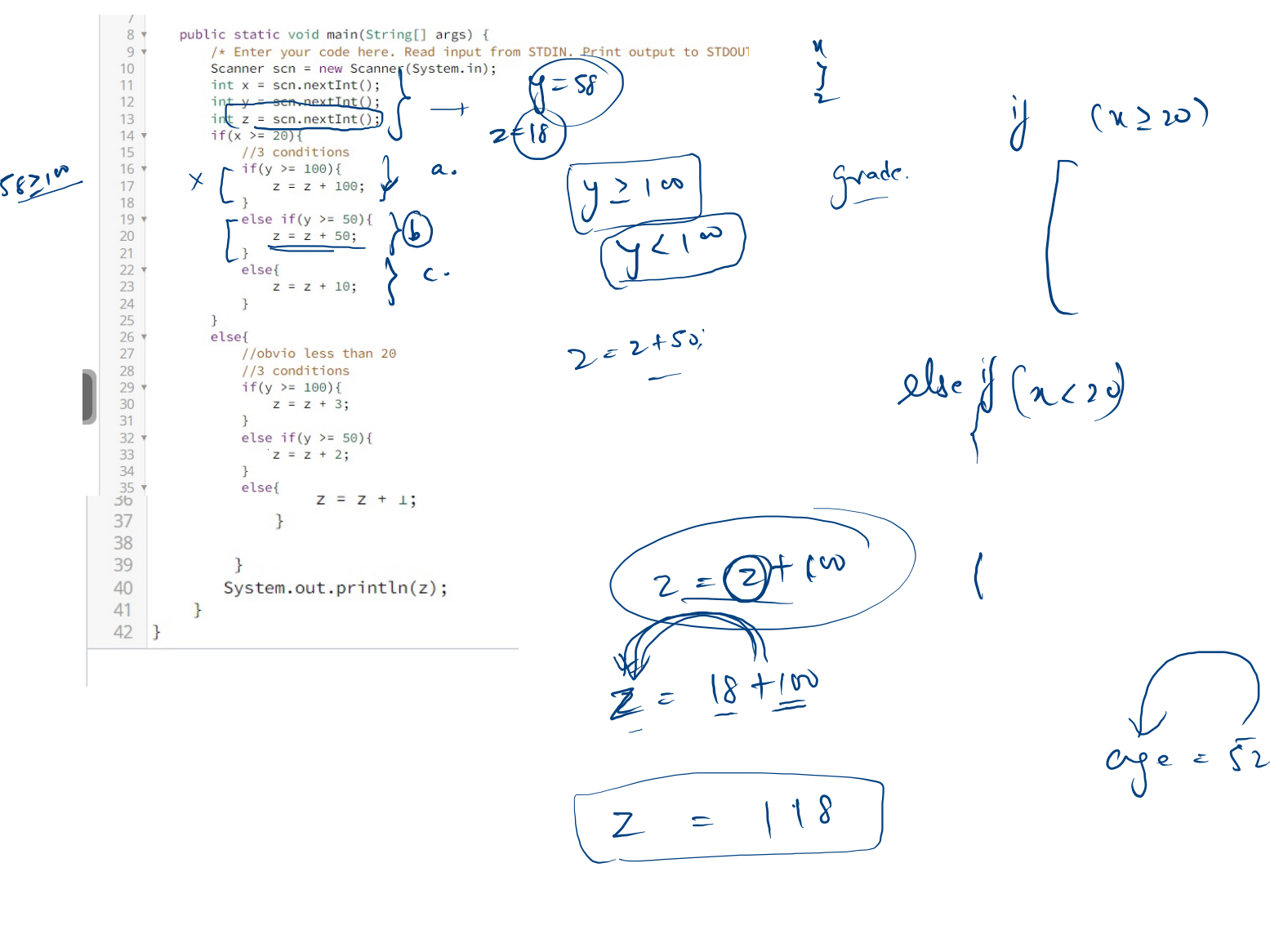
i/p { x (int)
y
z

if (x ≥ 20)
{
a
b
c
}

else {
a
b
c
}

// x < 20

```java
public static void main(String[] args) {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT
    Scanner scn = new Scanner(System.in);
    int x = scn.nextInt();
    int y = scn.nextInt();
    int z = scn.nextInt();
    if(x >= 20){
        //3 conditions
        if(y >= 100){
            z = z + 100;
        }
        else if(y >= 50){
            z = z + 50;
        }
        else{
            z = z + 10;
        }
    }
    else{
        //obvio less than 20
        //3 conditions
        if(y >= 100){
            z = z + 3;
        }
        else if(y >= 50){
            z = z + 2;
        }
        else{
                z = z + 1;
            }

        }
        System.out.println(z);
    }
}
```



runner up 3

Problem | Submissions | Leaderboard | Discussions

Three numbers **A, B and C** are the inputs. Write a program to find **second largest** among them.

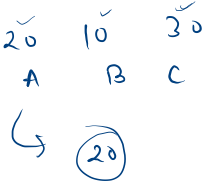
Input Format

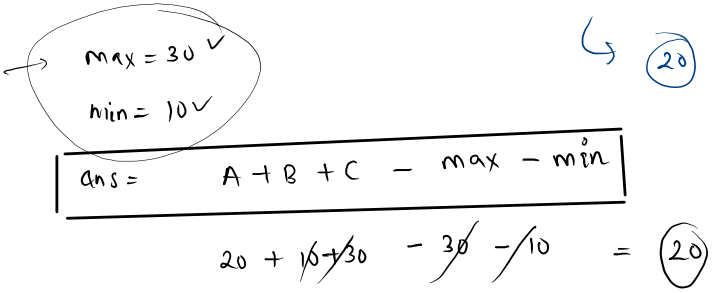
For each test case, you will get

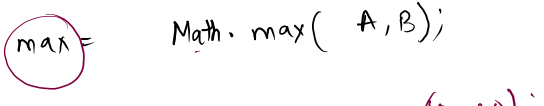
A in the first line as an integer input,

B in the second line as an integer input,

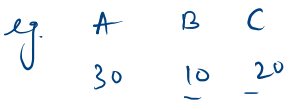
C in the third line as an integer input.








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

public class Solution {

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

        int max = Math.max(A, Math.max(B,C));
        int min = Math.min(A, Math.min(B,C));

        System.out.println(A + B + C - max - min);

    }
}
```



Tell about x y

Problem | Submissions | Leaderboard | Discussions

Take in two inputs **x** and **y** from the user, and then

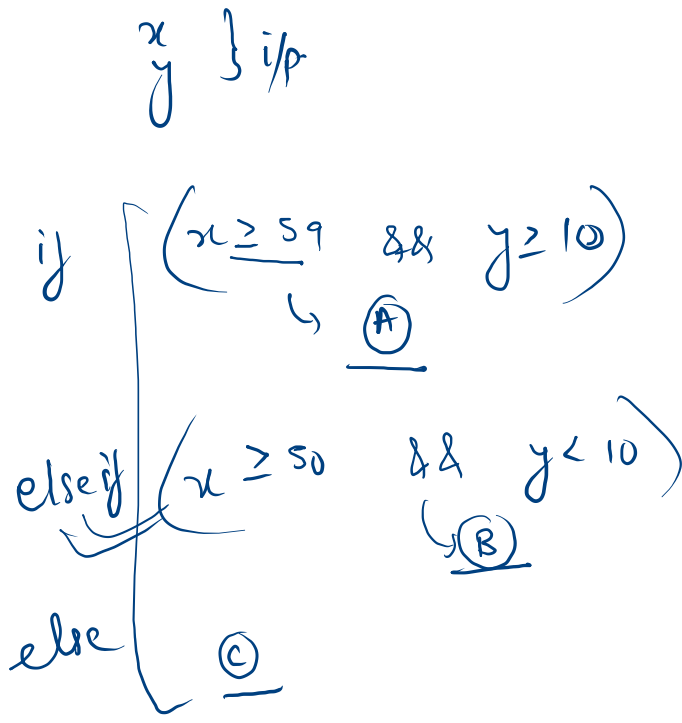
a. If the value of **x is greater than or equal to 59** and **y is greater than or equal to 10**, then print

X is greater than or equal to 59 and y is greater than or equal to 10

b. If the value of **x is greater than or equal to 50, and y is less than 10**, then print

X is greater than or equal to 50 and y is less than 10

c. Else print **None of the condition matches**



```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();

        if(x >= 59 && y >= 10){
            System.out.println("X is greater than or equal to 59 and y is greater than or equal to 10");
        }
        else if(x >= 50 && y < 10){
            System.out.println("X is greater than or equal to 50 and y is less than 10");
        }
        else{
            System.out.println("None of the condition matches");
        }
    }
}
```

Sample Input 0

```
60
12
```

Print the final incremented salary

Problem | Submissions | Leaderboard | Discussions

Take in three inputs **age**, **salary**, **experience**, then

a. If **age** is greater than **60** and **salary** is greater than **20,000** and **experience** is greater than **20 years**, then **add 5000 to the salary.**

b. If **age** is greater than **40** and **salary** is greater than **15,000** and **experience** is greater than **10 years**, then **add 2000 to the salary.**

c. If **age** is greater than **30** and **salary** is greater than **10,000** and experience is greater than **5 years**, **then add 1000 to the salary.**

d. Otherwise, **add 500 to the salary.**

In the end Print the **final salary.**

age
sal
exp
} i/p.

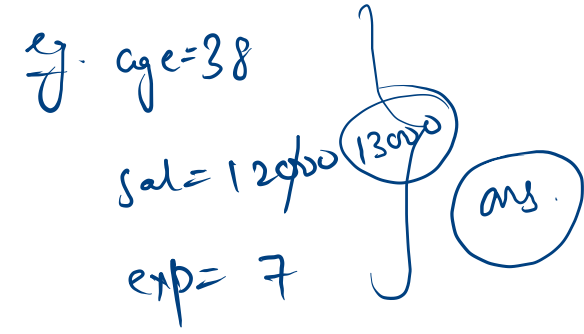
age > 60 && sal > 20000 && exp > 20
sal = sal + 5000

age > 40 && sal > 15000 && exp > 10
sal = sal + 2000

age > 30 && sal > 10k && exp > 5
sal + 1000

else +500

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

public class Solution {

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

        if(age > 60 && sal > 20000 && exp > 20){
            sal = sal + 5000;
        }
        else if(age > 40 && sal > 15000 && exp > 10){
            sal = sal + 2000;
        }
        else if(age > 30 && sal > 10000 && exp > 5){
            sal = sal + 1000;
        }
        else{
            sal = sal + 500;
        }
        System.out.println(sal);

    }
}
```



Print final z given xyz

Problem | Submissions | Leaderboard | Discussions

Take in **x**, **y**, **z** as integer inputs from the user,

a. If **x is greater than or equal to 20** and **z is less than 100** then **add 200 to the value of z**

b. If **x is greater than or equal to 10**, or **y is less than 50** Then **add 100 to the value of z.**

In the end print the final value of **z** as an integer output.

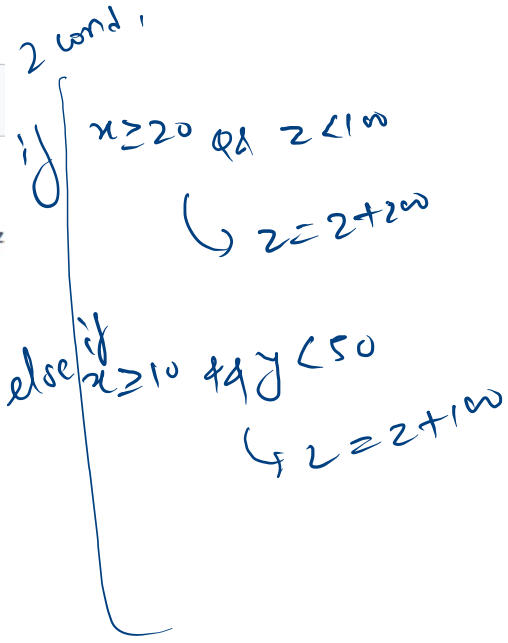
Input Format

For each test case, you will get

Value of **x** as an integer input in the first line,

Value of **y** as an integer input in the second line,

Value of **z** as an integer input in the third line.



Sample Input 0

```
25
30
80
```

x
y
z

Sample Output 0

```
280
```

```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();

        if(x >= 20 && z < 100 ){
            z += 200;
        }
        else if(x >= 10 || y < 50 ){
            z += 100;
        }
        System.out.println(z);
    }
}
```

Print if divisible by both 3 and 4

Problem | Submissions | Leaderboard | Discussions

Print **Divisible by 3 and 4** if the given integer is divisible by **both 3 and 4**.

Print **Not Divisible** if the given integer is not divisible by **both 3 and 4.**

Input Format

For each test case, you will be given an integer input.

eg. x = 30 → Not Divisible

if (x % 3 == 0 && x % 4 == 0)

↳ Divisible by 3 & 4

eg. 12.

12 % 3 == 0 && 12 % 4 == 0