

Shop Discount

Problem

Submissions

Leaderboard

Discussions

A shop will give a discount of 10% on the total cost if the cost of the quantity purchased is more than 1000. a. Ask user for the number of units b. Suppose, one unit will cost 100. c. Judge and print total cost for the user in the integer format.

Input Format

For each test case, You will be given the number of units in the integer format.

Raja
pen

$$\Rightarrow 10 \times \frac{100}{\text{cost}} = \frac{1000 > 1000}{\text{cost}}$$

discount ×

$$\text{cost} = 11 \times 100 = 1100$$
$$\text{if } (\text{cost} > 1000)$$
$$1100 \times 10/100 = 110$$
$$\text{int } \underline{\text{discount}} = \text{cost} * \frac{10}{100};$$
$$\text{cost} = \frac{\text{new}}{\text{old}} \text{cost} - \text{discount}$$
$$\text{cost} = 1100 - 110 = 990$$

```
Scanner scn = new Scanner(System.in);
int unit = scn.nextInt(); → 8
int cost = unit * 100; → 1200     800
if(cost > 1000){                1200 * 10/100 = 120
    int discount = (cost * 10)/100;
    cost = cost - discount; 1200 - 120 = 1180
}
System.out.println(cost); → 1180
                           ↴ 800 ↴
```

Print Bonus

Problem

Submissions

Leaderboard

Discussions

The bonus in a company is given by $\text{Bonus} = \text{Salary} * (5 / 100)$. A company decided to give a bonus of 5% to employees if his/her years of service is more than 5 years. Ask user for their salary and year of service and print the net bonus amount. If the years of service is less than or equal to 5, print 0, otherwise print Bonus calculated.

• salary, years of exp → input years of service > 5

```

• salary, years of exp → input years of service ≥ 5
if (years ≥ 5)
    int bonus = (salary * 5) / 100;
    System.out.println(bonus);
else
    System.out.println(0); ✓

```

```

/* ENTER YOUR CODE HERE. READ INPUT */
Scanner scn = new Scanner(System.in);
int salary = scn.nextInt(); ✓ 20000
int year = scn.nextInt(); ✓ 6
if (year > 5){ Yes
    int bonus = (salary * 5) / 100;
    System.out.println(bonus); ✓
} else{
    System.out.println(0); ✓
}

```

Sample Input 0

20000 3000⁰
6 9 ✓

Sample Output 0

1000 ✓

$$\text{bonus} = \frac{\text{salary} \times 5}{100}$$

$$\frac{30000 \times 5}{100}$$

$$= 1500$$

$$\begin{array}{rcl}
 15000 & & \\
 4 & = & 1000 \\
 \rightarrow 0 & 60000 & \\
 & 6 & \Rightarrow 3000
 \end{array}$$

Print the oldest among three

Problem Submissions Leaderboard Discussions

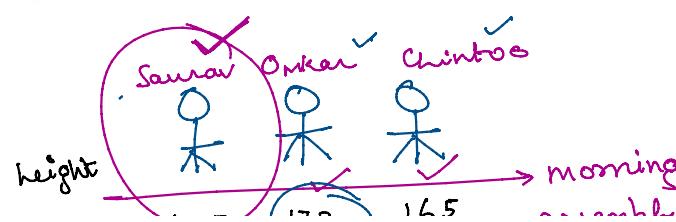
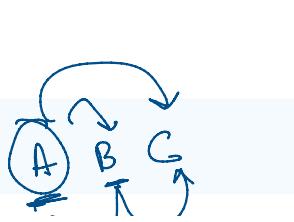
There are three friends A,B,C. You will be given the ages of these three friends as an integer input, you have to print the same of the oldest friend among them.

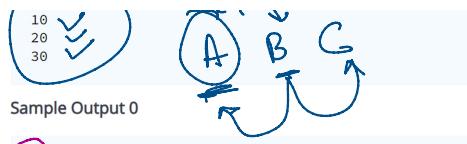
Input Format

For each test case, you will be given Age of A in the first line as an integer input Age of B in the second line as an integer input Age of C in the third line as an integer input

Sample Input 0

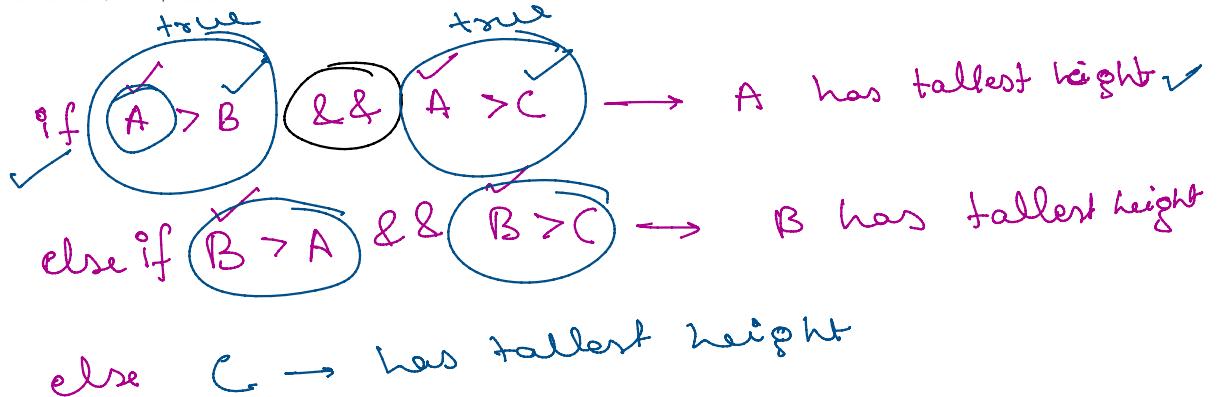
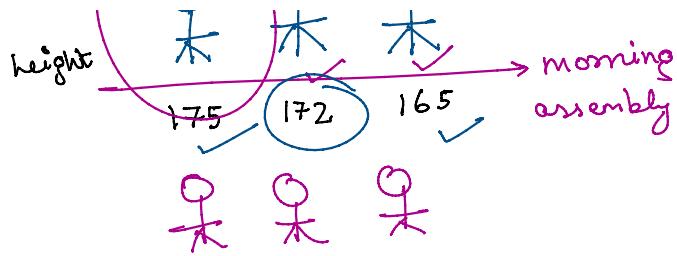
10
20
30





Explanation 0
oldest

Since C is the oldest among the three friends, so we print C.



```
/* Enter your code here. Read input from Scanner scn = new Scanner(System.in);
int A = scn.nextInt(); → 20
int B = scn.nextInt(); → 30
int C = scn.nextInt(); → 5
if(A>B && A>C){
    System.out.println('A');
} else if(B > A && B > C){ 30>20 & 30>5 B
    System.out.println('B');
} else{
    System.out.println('C');
}
```

Sample Input 1

20
30
5

Sample Output 1

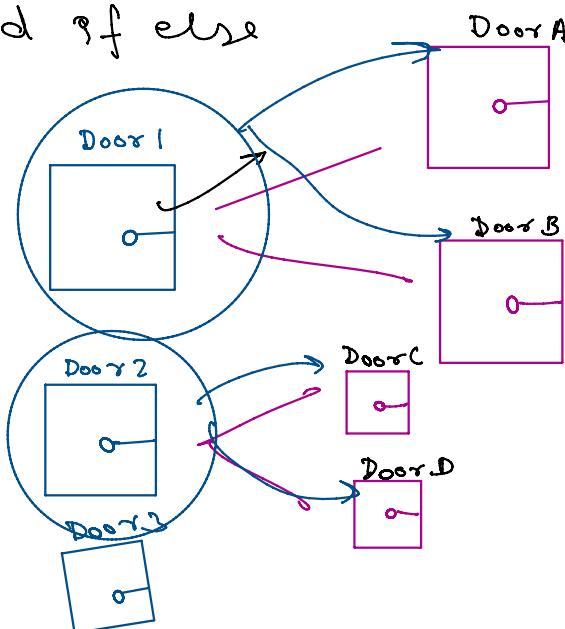
Explanation 1

Since B is the oldest among the three, so we print B.

nested if else

Venkatesh

if ()
else if ()
else ()



```
if( Door 1 )
{
    if (Door A)
    {
        else (Door B)
    }
}
else (Door 2)
if (Door C)
else (Door B)
```

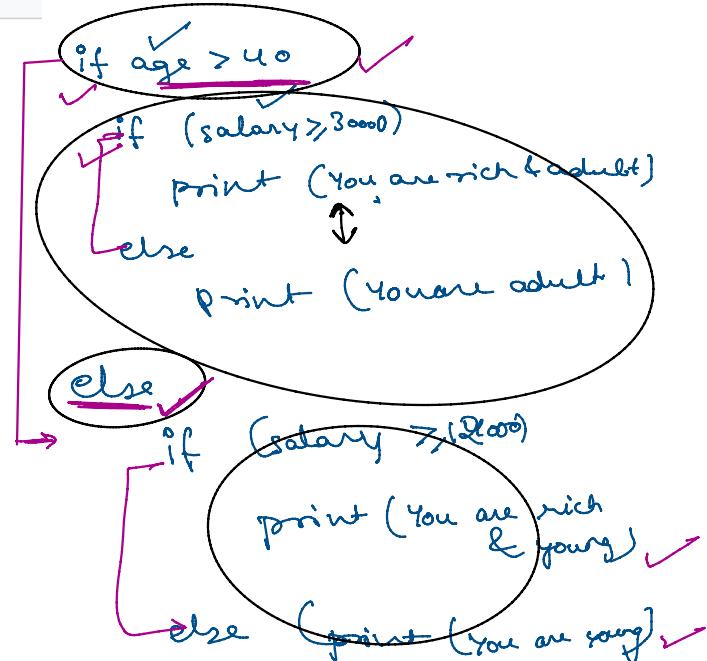
Rich Adult Young

Problem Submissions Leaderboard Discussions

- Take the age and salary of a person as an integer input. If the age is above 40 then
- If the salary is greater than or equal to 30,000 then print "You are rich and adult"
 - Else print "You are an adult"
- Else if age is less than or equal to 40
- If the salary is greater than or equal to 12,000, then print "You are rich and young"
 - Else print "You are young"

$$\begin{array}{ll} \text{age} > 40 \& \& \text{salary} \geq 30000 \\ \text{age} > 40 \& \& \text{salary} < 30000 \end{array}$$

and operator

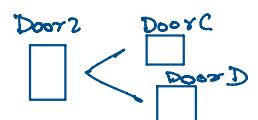
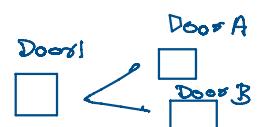


```

/* Enter your code here. Read input from STDIN. Print output
Scanner scn = new Scanner(System.in);
int age = scn.nextInt();
int salary = scn.nextInt();

if(age > 40){
    if(salary >=30000){
        System.out.println("You are rich and adult");
    }else{
        System.out.println("You are an adult");
    }
}else{
    if(salary >=12000){
        System.out.println("You are rich and young");
    }else{
        System.out.println("You are young");
    }
}

```



Print final z

Problem

Submissions

Leaderboard

Discussions

Take input three numbers x, y, z as 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.

Sample Input 0

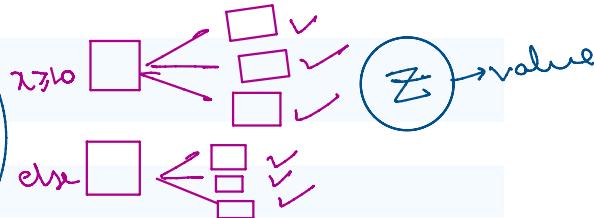
30
120
30

Sample Output 0

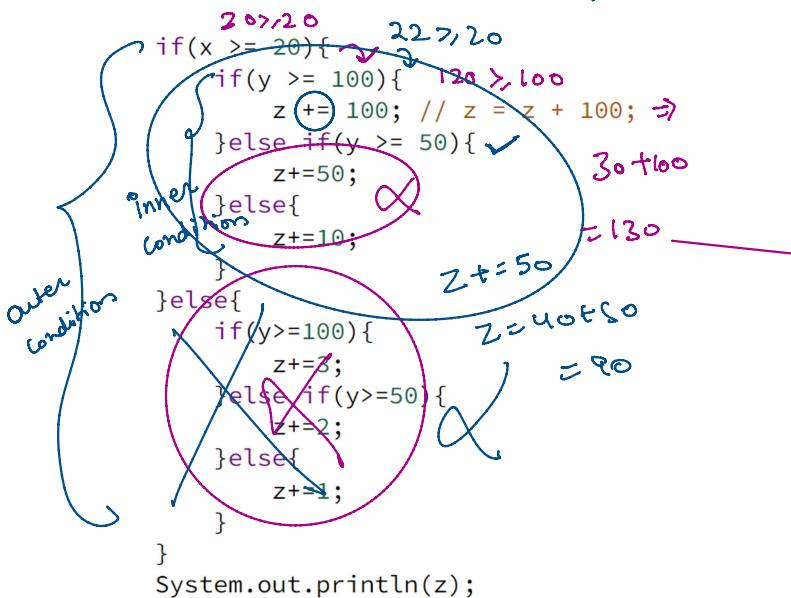
130

Explanation 0

Since the value of x is 30 which is greater than or equal to 20, and the value of y is 120 which is greater than or equal to 100, so we add 100 to the value of z .



```
, Enter your code here to read input ...
Scanner scn = new Scanner(System.in);
int x = scn.nextInt(); 30 22✓
int y = scn.nextInt(); 120✓ 55
int z = scn.nextInt(); 30 40
```



$\text{if } (x \geq 20) -$

$\text{if } (y \geq 100)$

$z = z + 100;$

$\text{else if } (y < 100 \& y \geq 50)$

$z = z + 50; ✓$

else

$z = z + 10;$

else

$\text{if } (y \geq 100)$

$z = z + 3;$

$\text{else if } (y < 100 \& y \geq 50)$

$z = z + 2;$

$\text{else } z = z + 1;$

Sample Input 0

30
120
30

Sample Output 0

130

Sample Input 1

22
55.
40

Sample Output 1

90 ✓