Print oldest among three

o/p → Rahul

Jatin → 22

Rahul → 25

Deepak → 23

```
if( J > R && J > D ){
        print ("Jatin");
}
else if( R > J && R > D ){
        print ("Rahul");
}
else if ( D > J && D > R ) {
        print ("D");
}
```

Print the oldest among three

```java
Scanner s = new Scanner(System.in);

int A = s.nextInt();
int B = s.nextInt();
int C = s.nextInt();

if(A > B && A > C){
    System.out.println("A");
}
else if(B > A && B > C){
    System.out.println("B");
}
else if(C > A && C > B){
    System.out.println("C");
}
```

if - else

```
if (condition){
    // statement
}
else if (con){
    // statement
}
else if (con){
    // stat
}
else {
    ____
}
```

```
if ( no ball && boundary){      6
    +7
}
else if (wide && inner boundary){
    +5
}
else if (fair && 6){
    +6
}
else{
    0
}
```

Nested if else → if else within if else

```
if (condition) {
    if ( ) {
    }
    else if( ){

    }
    else if ( ){

    }
    else {

    }
}
```

```
else {
    if ( ) {
    }
    else if () {

    }
    else ( ) {

    }
}
```

Print final z

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.

```
x =
y =
z =
if(x>=20){
  if(y>=100){
    z=z+100;
  }
  else if(y<100 && y>=50){
    z+=50;
  }
  else{
    z+=10;
  }
}
else if(x<20){
  if(y>=100){
    z+=3;
  }
  else if(y<100 && y>=50){
    z+=2;
  }
  else{
    z+=1;
  }
}
print(z);
```

```java
Scanner s = new Scanner(System.in);

int x = s.nextInt();
int y = s.nextInt();
int z = s.nextInt();

if(x >= 20){
    if(y >= 100){
        z += 100;
    }
    else if(y < 100 && y >= 50){
        z += 50;
    }
    else{
        z += 10;
    }
}

else if(x < 20){
    if(y >= 100){
        z += 3;
    }
    else if(y < 100 && y >= 50){
        z += 2;
    }
    else{
        z += 1;
    }
}
System.out.println(z);
```

x = 20

y = 50

z = 80

20 >= 20 T

50 >= 100 F

50 < 100 && 50 >= 50

T T

z += 50

80 + 50 = 130;

o/p → 130

Shop Discount

1 unit = 100

```
Scanner s = new Scanner(System.in);
int units = s.nextInt();

int price = units * 100;
if(price > 1000){
    int discount = price / 10;  // 10% discount
    price = price - discount;
}
System.out.println(price);
```

units = 15

total = units * 100;

15 * 100 = 1500 > 1000

if (total > 1000)

discount = total / 10; 1500 / 10 => 150

price = total - = discount

1500 - 150 => 1350

Syso (total);

HW_Print final salary given age

```
Scanner s = new Scanner(System.in);
int age = s.nextInt();
int salary = s.nextInt();

int finalIncome = salary;

if(age > 60){
    finalIncome += 1000;
}
else if(age > 40 && age <= 60){
    finalIncome += 500;
}

System.out.println(finalIncome);
```