

Ques given 3 numbers and we have to print largest one.

```
int x = 2;
int y = 8;
int z = 5;
if ( x > y && x > z ) {
    Syso ( x );
} else if ( y > x && y > z ) { ←
    Syso ( y );
} else {
    Syso ( z );
}
```

if else ladder

Note:-

x = 5;

```
if ( x == 2 ) { False
    (a)
} else if ( x < 3 ) { False
    (b)
} else if ( x > 4 ) { True
    (c)
} else if ( x == 5 ) {
    (d)
} else {           
    (e)
}
```

Ques) Input a number and print if it is even or odd.

Pseudo Code

num = 2	⇒	even
num = 5	⇒	odd

→ which gives us a basic idea of original code

Code

```
Scanner scn = new Scanner(System.in);  
int num = scn.nextInt();  
  
if (num % 2 == 0) {  
    Syso("Even");  
}  
else {  
    Syso("odd");  
}  
}
```

$$\begin{aligned} (\text{int}) \quad 12345 / 10 &= 1234.5 \\ &= 1234 \end{aligned}$$

$$1234\boxed{5} \% 10 = 5$$

$$\begin{aligned} 12345 / 100 &= 123.45 \\ &= \underline{\underline{123}} \end{aligned}$$

$$123\boxed{45} \% 100 = 45$$

%