

# Functions or Methods :-

method  $\left[ \begin{array}{l} \text{isPrime (num) \{ \\ \quad \quad \quad \} \text{ logic} \\ \} \end{array} \right.$

## Return Types

- Void  $\Rightarrow$  Nil/Null/Empty
- Datatypes  $\Rightarrow$  int, char, boolean, String

"%"

"returns"

void isEven (num) {  
     if (num % 2 == 0) {  
         sout("Even")  
     } else {  
         sout("Odd")  
     }  
 }

$\left[ \begin{array}{l} \rightarrow \text{return 1;} \\ \rightarrow \text{return true;} \\ \rightarrow \text{return "Hello";} \\ \rightarrow \underline{\text{return;}} \end{array} \right.$

NewtonSchool } camel  
                   isEven () } casing

return  $\Rightarrow$  skips rest of the code

$\left[ \begin{array}{l} \text{boolean isEven (n) \{ \\ \quad \text{if (n \% 2 == 0) \{ \\ \quad \quad \text{①} \text{ --- return true; \\ \quad \quad \text{②} \text{ --- return false; \\ \quad \quad \} \\ \quad \} \end{array} \right.$

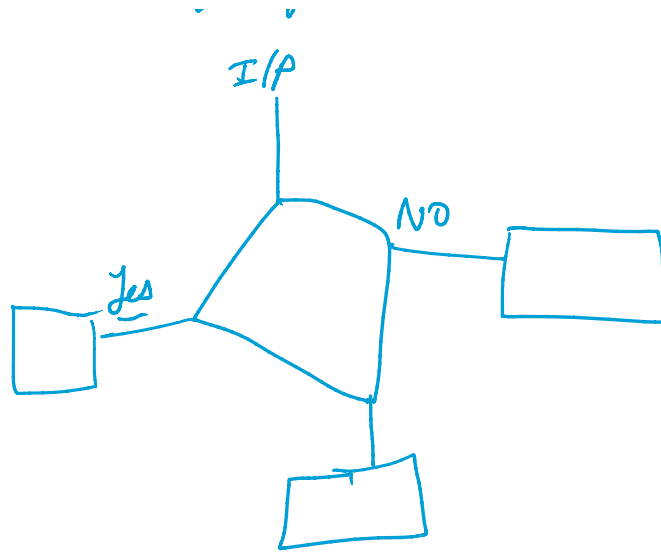
A

$(n == y)$

$(n != y)$

I/P

$y (n \% 2 == 0) \{$



$y(n/L \neq 0)$

return

$\{ \text{else} \{$

return

$\}$