

Q2: ✓ Problem : Even or Odd

IPO CHART

Input	Process	Output
• Number: 'n'	<p>① If number is less than or equal to "zero", then input is invalid</p> <p>② If number is greater than zero, then if $n \% 2 = 0$, then number is even.</p> <p>③ Else, number is odd.</p>	<p>① n is EVEN</p> <p>② n is ODD</p> <p>③ n is INVALID</p>

PSEUDOCODE

```

1  START
2  // Input/output
3  PROMPT user to enter a number, 'n'.
4  // Process steps
5  IF  $n \leq 0$  THEN
6  PRINT "Invalid Input"
7  ELSE IF  $n \% 2 == 0$  THEN
8  PRINT "Even"
9  ELSE
10 PRINT "Odd"
11
12 END
    
```

FLOWCHART

