

Flowchart illustrating a program to calculate the sum of the first n natural numbers (1 to n).

The flowchart starts with a **Start** terminal, followed by initialization of $s \leftarrow 0$ and $i \leftarrow 1$. A loop begins with the input prompt "enter n value:" and "GET n". The loop condition is $i < n$. If the condition is **Yes**, the program executes the following steps:

- Output: $\text{PUT } i + "$
- Assignment: $s \leftarrow s + i$
- Assignment: $i \leftarrow i + 1$

The loop then returns to the condition $i < n$. If the condition is **No**, the program proceeds to the final output: $\text{PUT } n + " = " + (s + n)$, followed by an **End** terminal.

The MasterConsole window displays the output of the program:

```
1+2+3+4+5+6 = 21
----Run complete. 33
symbols evaluated.----
```