

START



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graph TD; Start([START]) --> Init[/int = i/]; Init --> Loop[for i=1; i<=1 i++]; Loop --> Calc[/5!=5*4*3*2*1 = 120/]; Calc --> Stop([STOP]);
```

This flowchart illustrates the process of calculating the factorial of 5. It begins with a 'START' terminal, followed by an initialization step 'int = i'. A loop 'for i=1; i<=1 i++' is then executed. The calculation '5!=5*4*3*2*1 = 120' is shown in a parallelogram, and the process concludes at a 'STOP' terminal.

int = i

for i=1; i<=1 i++

$5! = 5 * 4 * 3 * 2 * 1 = 120$

STOP