







- 1) set num = 99;
- 2) If (num >= 1)
- 3)     If (num % 2 != 0)
- 4)         print num;
- 5)     End If
- 6)     num = num - 1;
- 7)     go to line 2;
- 8) End If
- 9) stop

~~stop~~

1) set  $\text{num} = 7$ ,  $i = 1$ ,  $\text{res} = 0$ ;

2) IF ( $i \leq 10$ )

3)  $\text{res} = \text{num} * i$ ;

4) print  $\text{res}$ ;

5)  $i = i + 1$ ;

6) go to line 2;

7) End IF

8) End.

1) Enter upper limit ( $N$ ).

2) set  $i = 1$ ,  $\text{sum} = 0$

3) IF ( $i \leq N$ )

4)  $\text{sum} = \text{sum} + i$ ;

5)  $i = i + 1$ ;

6) go to line 3;

7) End IF

8) print  $\text{sum}$ ;

9) stop

1) Enter a number ( $\text{num}$ )

2) set  $i = 2$ ;

3) IF ( $i \leq \text{num}(2)$ )

4) IF ( $\text{num} \% i == 0$ )

5) print Not prime

6) stop

7) else

8)  $i = i + 1$ ;

9) go to step 2.

10) print prime

11) End



1) Enter a year (year)

2) IF  $((\text{year} \% 4 == 0) \&\& (\text{year} \% 100 \neq 0)) \vee (\text{year} \% 400 == 0)$

3) print leap year

4) Else

5) Not a leap year

6) stop.

1) Enter the number (n)

2) set product = 1;

3) IF  $(n \neq 0)$

4) product = product \*  $(n \% 10)$ ;

5)  $n = n / 10$ ;

6) go to step 3

7) End IF

8) print product

1) Read 3 number (principle, rate, n) n - time period

2) set CI = 0;

3)  $CI = \text{principle} * \left(1 + \frac{\text{rate}}{100}\right)^n - \text{principle}$

4) print CI

5) stop.

```
1) Read 10 number (N[10])
2) set i = 0;
3) For (i; i < 10; i++)
{
    set evensum = 0, oddsum = 0, digit = 0;
    while (N[i] != 0)
    {
        set digit = N[i] % 10
        If (digit % 2 == 0)
            evensum = evensum + digit
        else
            oddsum = oddsum + digit
    }
    print evensum;
    print oddsum;
}
```