

LOGICAL PROGRAMMING



- برمجة المنطق
- خريف 2024-2025م
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for Loop Logical

الصيغة العامة

```
for(I,N):-I>N,I.  
for(I,N):-I<N,I1 is I+1,statement,for(I1,N).
```

```
for(int i=0;i<n;i++)  
{  
    statement  
}
```

Example\\Write The number I between N.

```
solution\\  
for(I,N):-I>N,I.  
for(I,N):-I<=N,I1 is I+1,writeLn(I),for(I1,N).
```

```
for(I,N):-I>N,!.  
for(I,N):-I<N,I1 is I+1,writeln(I),for(I1,N).
```



I

```
r(I,N):-I>N,!.
```

```
r(I,N):-I=<N,I1 is I+1,writeln(I),for(I1,N).
```



SWI-Prolog (AMD64, Multi-threaded, version 8.0.3)

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?-

ERROR: [Thread pce] c:/users/net/desktop
: Operator expected

% c:/users/net/desktop/for loop compile

?- for(0,10).

false.

?-

% c:/users/net/desktop/for loop compile

?- for(0,10).

0

1

2

3

4

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8



ANY QUESTION ?? •