

```
1 + 1;
```

```
2 + 2
```

```
4
```

```
? In
```

In[n] is a global object that is assigned to have a delayed value of the  $n^{\text{th}}$  input line. >>

```
?? In
```

In[n] is a global object that is assigned to have a delayed value of the  $n^{\text{th}}$  input line. >>

```
Attributes[In] = {Listable, Protected}
```

```
In[1] := (1 + 1;)
```

```
In[2] := 2 + 2
```

```
In[3] := Information[In, LongForm → False]
```

```
In[4] := Information[In, LongForm → True]
```

```
In[2]
```

```
4
```

```
In[1]
```

```
Out[2]
```

```
4
```

```
?? Out
```

% n or Out[n] is a global object that is assigned to be the value produced on the  $n^{\text{th}}$  output line.

% gives the last result generated.

%% gives the result before last. %% ... % ( $k$  times) gives the  $k^{\text{th}}$  previous result. >>

```
Attributes[Out] = {Listable, Protected}
```

```
%1 = 2
```

```
%2 = 4
```

```
%3 = {Null}
```

```
%4 = {Null}
```

```
%5 = 4
```

```
%6 = 2
```

```
%7 = 4
```

```
a = 3
```

```
3
```

**a**

3

**a = 5**

5

**a**

5

**%10**

3

**In[10]**

5