

TIME/TIME\$

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Description

The computer has an internal clock that can be accessed from BASIC.

TIME\$ can be used to read the clock and TIME to set the clock.

TO SET CLOCK

Format

CALL TIME("hh:mm:ss")

The string length is always 8 characters. Therefore an hour less than 10 must be preceded by a 0.

The clock works on 24 hour time so all times after 12 noon must have 12 hours added to them.

Example

```
CALL TIME("06:15:00")    6:15 A. M.
CALL TIME("18:15:00")    6:15 P. M.
```

TO READ CLOCK

Format

```
PRINT TIME$
OR
TS=TIME$
```

Example

```
10 CALL CLEAR
20 DISPLAY AT(24,1):TIME$
30 GOTO 20
```

```
10 CALL TIME("00:00:00")
20 FOR I=1 TO 10000
30 NEXT I
40 PRINT TIME$
```

This is an easy to see how long a program takes to execute.