

BenchMark

This module is part of the original MMBasic library. It is reproduced here with kind permission of Hugh Buckle and Geoff Graham. Be aware it may reference functionality which has changed or is deprecated in the latest versions of MMBasic.

BENCHMRK.BAS

```
' PC Benchmark tests devised by US magazine Kilobaud in 1977.  
' Subsequently adopted by the UK magazine Personal Computer World.  
' Ported to MMBasic by CircuitGizmos on The Back Shed.  
' See The Back Shed thread "BASIC Speed Benckmark Tests"
```

```
Print "Maximite Benchmark tests"  
Print " "
```

```
Print "Benchmark 1"  
Timer = 0  
For j = 1 To 1000  
Next j  
Print Timer / 1000  
Print " "
```

```
Print "Benchmark 2"  
Timer = 0  
j = 0  
BM2:  
j = j+1  
If j < 1000 GoTo BM2  
Print Timer / 1000  
Print " "
```

```
Print "Benchmark 3"  
Timer = 0  
j = 0  
BM3:  
j = j+1  
a = j/j*j+j-j  
If j < 1000 GoTo BM3  
Print Timer / 1000  
Print " "
```

```
Print "Benchmark 4"  
Timer = 0  
j = 0  
BM4:  
j = j+1  
a = j/2*3+4-5  
If j < 1000 GoTo BM4
```

```
Print Timer / 1000
Print " "

Print "Benchmark 5"
Timer = 0
j = 0
BM5:
j = j+1
m = j/2*3+4-5
GoSub 4000
If j < 1000 GoTo BM5
Print Timer / 1000
Print " "

Print "Benchmark 6"
Timer = 0
j = 0
Dim ray(5)
BM6:
j = j+1
m = j/2*3+4-5
GoSub 4000
For q = 1 To 5
Next q
If j < 1000 GoTo BM6
Print Timer / 1000
Print " "

Print "Benchmark 7"
Timer = 0
j = 0
Dim ray2(5)
BM7:
j = j+1
m = j/2*3+4-5
GoSub 4000
For q = 1 To 5
ray2(q) = m
Next q
If j < 1000 GoTo BM7
Print Timer / 1000
Print " "

Print "Benchmark 8"
Timer = 0
j = 0
BM8:
j = j+1
m = j^2
blog = Log(j)
csin = Sin(j)
```

```
If j < 1000 GoTo BM8  
Print Timer / 1000  
  
End  
  
4000 Return
```

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