

2010 年阅读程序

2010r1

```
READ a, b
WHILE b <> 0
    temp = a
    a = b
    b = temp MOD b
WEND
PRINT a
DATA 105, 63
```

2010r2

```
DECLARE SUB foo (a AS INTEGER, b AS INTEGER, c AS INTEGER)
a% = 3
b% = 1
c% = 2
CALL foo(a%, b%, c%)

SUB foo (a AS INTEGER, b AS INTEGER, c AS INTEGER)
  IF a > b THEN
    CALL foo(c, a, b)
  ELSE
    PRINT a; ", "; b; ", "; c
  END IF
END SUB
```

2010r3

```
DIM A(3, 4), B(4, 3)
FOR X = 1 TO 3
FOR Y = 1 TO 4
    A(X, Y) = X - Y
NEXT Y, X
FOR X = 4 TO 1 STEP -1
FOR Y = 1 TO 3
    B(X, Y) = A(Y, X)
NEXT Y, X
PRINT B(3, 2)
END
```

2010r4

```
DIM r(101), i, j AS INTEGER
FOR i = 2 TO 100
    r(i) = 1
NEXT i

FOR i = 2 TO 100
    IF r(i) <> 0 THEN
        j = i + i
        WHILE j <= 100
            r(j) = 0
            j = j + i
        WEND
    END IF
NEXT i
PRINT r(91)
```