Codificação de Programas em Linguagem Classic BASIC

```
10 REM ALG01
20 PRINT "Bom dia"
30 END
```

```
10 REM ALG02
20 INPUT X
30 PRINT X
40 END
```

```
10 REM ALG03
20 INPUT X
30 LET Y = X ^ 2
40 PRINT Y
50 END
```

```
10 REM ALG04
20 INPUT X
30 INPUT Y
40 LET Z = X + Y
50 PRINT Z
60 END
```

```
10 REM ALG05
20 INPUT X
30 INPUT Y
40 LET Z = X ^ 2 + Y ^ 3
50 PRINT Z
60 END
```

```
10 REM ALG06
20 INPUT X
30 IF (X > 100) THEN GOTO 50
40 GOTO 60
50 PRINT X
60 END
```

```
10 REM ALG07
20 INPUT X
30 INPUT Y
40 IF (X > 100) THEN GOTO 60
50 GOTO 80
60 LET Z = X + Y
70 PRINT Z
80 END
```

```
10 REM ALG08
20 INPUT X
30 INPUT Y
40 IF (X <= Y) THEN GOTO 50 ELSE GOTO 70
50 PRINT X
60 GOTO 80
70 PRINT Y
80 END
```

```
10 REM ALG09
20 INPUT X
30 IF (X >= 10) THEN GOTO 40 ELSE GOTO 60
40 LET Y = X ^ 2
50 GOTO 70
60 LET Y = X ^ 3
70 PRINT Y
80 END
```

```
10 REM ALG10
20 INPUT X
30 INPUT Y
40 IF (X > Y) THEN GOTO 50 ELSE GOTO 80
50 LET N1 = Y
60 LET N2 = X
70 GOTO 100
80 LET N1 = X
90 LET N2 = Y
100 PRINT N1
110 PRINT N2
120 END
```

```
10 REM ALG11
20 LET X = 0
30 LET I = 1
40 IF (I <= 10) THEN GOTO 50 ELSE GOTO 90
50 PRINT X
60 X = X + 2
70 I = I + 1
80 GOTO 40
90 END
```

```
10 REM ALG12
20 LET X = 1
30 LET I = 1
40 IF (I <= 10) THEN GOTO 50 ELSE GOTO 90
50 PRINT X
60 X = X * 2
70 I = I + 1
80 GOTO 40
90 END
```