1.

mov dx,378

mov al,c6

out dx,al

call 1000

div al,4

cmp al,00

jne 0105

2.

mov dx,378

mov al,e0

out dx,al

call 1000

div al,4

cmp al,83

jne 0105

3.

Mov dx,378

Mov al,88

Out dx,al

Call 1000

Mov al,cc

Out dx,al

Call 1000

Mov al,ee

Out dx,al

Call 1000

Mov al,ff

Out dx,al

Call 1000

Mov al,ee

Out dx,al

Call 1000

Mov al,cc

Out dx,al

Call 1000

Mov al, 88

Out dx,al

Call 1000

4.

Mov dx,378

Mov al,41

Out dx,al

Call 1000

Mov al,50

Out dx,al

Call 1000

Mov al,14

Out dx,al

Call 1000

Mov al,50

Out dx,al

Call 1000

5.

Mov dx,378

Mov al,82

Out dx,al

Call 1000

Mov al,a0

Out dx,al

Call 1000

Mov al,28

Out dx,al

Call 1000

Mov al,a0

Out dx,al

Call 1000

6.

Mov dx,378

Mov al,80

Out dx,al

Call 1000

Mov al,cc

Out dx,al

Call 1000

Mov al,e0

Out dx,al

Call 1000

Mov al,f8

Out dx,al

Call 1000

Mov al,f0

Out dx,al

Call 1000

Mov al,e0

Out dx,al

Call 1000

Mov al,c0

Out dx,al

Call 1000

Mov al,80

Out dx,al

Call 1000

7.

Mov dx,378

Mov al,88

Out dx,al

Call 1000

Mov al,03

Out dx,al

Call 1000

Mov al,07

Out dx,al

Call 1000

Mov al,0f

Out dx,al

Call 1000

Mov al,1f

Out dx,al

Call 1000

Mov al,0f

Out dx,al

Call 1000

Mov al,07

Out dx,al

Call 1000

Mov al,03

Out dx,al

Call 1000

Mov al,80

Out dx,al

Call 1000