

Q#1 Program to print 0 to 9

section .data

msg db '0', 0x0D, 0x0A

section .text

global _start

_start:

mov cx, 10

print_numbers:

mov ah, 0x0E

mov al, [msg]

int 0x10

inc byte [msg]

loop print_numbers

mov ah, 0x4C

int 0x21

Q#2 Program to print capital letters from A to Z using Loop

section .data

msg db 'A', 0x0D, 0x0A

section .text

global _start

_start:

```
mov cx, 26
```

```
print_letters:
```

```
mov ah, 0x0E
```

```
mov al, [msg]
```

```
int 0x10
```

```
inc byte [msg]
```

```
loop print_letters
```

```
mov ah, 0x4C
```

```
int 0x21
```

Q#3 Program to print small letters from a to z using Loop

```
section .data
```

```
msg db 'a', 0x0D, 0x0A
```

```
section .text
```

```
global _start
```

```
_start:
```

```
mov cx, 26
```

```
print_letters:
```

```
mov ah, 0x0E
```

```
mov al, [msg]
```

```
int 0x10
```

```
inc byte [msg]
```

```
loop print_letters
```

```
mov ah, 0x4C
```

```
int 0x21
```