Self-Check for Lecture#5

Solutions are posted

1. Define a MASM constant for your name as a z-byte terminated string.

2. What is the size of the string in the following MASM data segment declaration?

```
.data
stones BYTE "You Can't Always Get What You Want.",10,13,0
```

3. Solve each problem using the following data segment:

```
.data
k DWORD  
n DWORD  
yes BYTE  "Yes", 0 
no  BYTE  "No", 0 
maybe BYTE  "Maybe", 0
```

Assume that variables have been initialized. Write MASM code to implement the following high-level pseudo-code repetition structures.

3.1.
while (k < n){
    print (yes);
    k += 2;
}

3.2.
do{
    print (maybe);
    k++;
} while (k < n);

3.3.
for (k = 10; k > 0; k--)
    print (k);

3.4.
for (k = 10; k <= n; k++)
    print (no);