```
(base) nano@nano-Inspiron-14-5420:~/Documents/MPL$ nasm -f elf64 assg2.asm -o hello.o

(base) nano@nano-Inspiron-14-5420:~/Documents/MPL$ ld hello.o -o hello
(base) nano@nano-Inspiron-14-5420:~/Documents/MPL$ ./hello
Roll no- 7254
Name : Soyal T K
Write X86/64 ALP to accept a string and display its length.
Date: 27 January 2025
Enter Your String:
Hello
Method 1 (without loop):
05
Method 2 (with loop):
05
(base) nano@nano-Inspiron-14-5420:~/Documents/MPL$
```