HelloWorld32.s

```
.code32

.data
HELLO:
    .string "Hello World\n"

.text
_main: .global _main
    pushl   _____
    movl    _____, _____
    subl    $4,     _____
    movl    $HELLO, _____
    call    _printf
    movl    $0      _____


    movl    _____, _____
    popl    _____


    ret
```

HelloWorld64.s

```
.code64

.data
HELLO:
    .string "Hello World\n"

.text
main: .global main
    pushq   _____
    movq    _____, _____
    andq    $-16,   _____
    movq    $HELLO, _____
    call    printf
    movq    $0,     _____


    movq    _____, _____
    popq    _____


    ret
```