

```
int main(void) {  
    register char* arg2 asm("rsi") = "hello, world!\n";  
  
    /* rax: sys_write; rdi: STDOUT; */  
    asm("mov $1, %rax; mov $1, %rdi; mov $14, %rdx; syscall;");  
  
    return 0;  
}
```