File: mysh.s

```
section .text
  global _start
    _start:
      ; store the argument string "/bin/sh" on stack
      xor  eax, eax        ; eax = 0x00000000
      push eax             ; use 0 to terminate the string
      push "//sh"
      push "/bin"
      mov  ebx, esp        ; ebx = address of command "/bin/sh"

      ; setup argument array argv[] on stack
      push eax             ; argv[1] = 0
      push ebx             ; argv[0] points "/bin//sh"
      mov  ecx, esp        ; ecx = address of argv[]

      ; no environment variables to pass to execve()
      xor  edx, edx        ; edx = 0x00000000

      ; invoke execve()
      xor  eax, eax        ; eax = 0x00000000
      mov  al, 0x0b        ; eax = 0x0000000b
      int  0x80
```

Setup for `execve()` to execute the command: **`/bin/sh`**