| **Blocks of Assembly Code** | **Explanation of Functionality** |
| --- | --- |
| push %rbp  mov %rsp,%rbp | Reserve stack pointer |
| sub $0x20,%rsp  mov %fs:0x28,%rax  mov %rax,-0x8(%rbp)  xor %eax,%eax  movl $0x0,-0x14(%rbp)  mov -0x14(%rbp),%eax  cmp $0x5,%eax  je 0x308 <main+655> | Reserve 4 parameters  Use one of the parameters and set the initial value to 0 and start a loop till 5, after that exit the loop to end of main and return to the caller |
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