**Assignment 3 – Question 2**

**0000000000400527 <arith>:**

**400527 : 48 8d 04 37 lea (%rdi,%rsi,1), %rax**

**40052b : 48 01 d0 add %rdx, %rax**

**40052e : 48 8d 0c 76 lea (%rsi,%rsi,2), %rcx**

**400532 : 48 c1 e1 04 shl $0x4, %rcx**

**400536 : 48 8d 54 0f 04 lea 0x4(%rdi,%rcx,1), %rdx**

**40053b : 48 0f af c2 imul %rdx, %rax**

**40053f : c3 retq**

**Ignore work:  
  
400527 400528 400529 40052a**

**40052b 40052c 40052d**

**40052e 40052f 400530 400531**

**400532 400533 400534 400535**

**400536 400537 400538 400539 40053a**

**40053b 40053c 40053d 40053e**

**40053f**