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
```