

Question 1:

[Thread 1820.0x2d4c exited with code 6]

[Inferior 1 (process 1820) exited with code 06]

Question 2:

```
ni
mov $5, %rax      mov $7, %rbx      mov $9, %rcx
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9
ni
lea (%rax, %rbx), %rdx
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9                  rdx      0xc      12
ni
mov %rax, %rsi
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9                  rdx      0xc      12
rsi      0x5      5
ni
mul %rcx
rax      0x2d     45                  rbx      0x7      7
rcx      0x9      9                  rdx      0x0      0
rsi      0x5      5
ni
xchg %rax, %rsi
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9                  rdx      0x0      0
rsi      0x2d     45
ni
mov %rbx, %rdi
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9                  rdx      0x0      0
rsi      0x2d     45                  rdi      0x7      7
ni
sub %rax, %rdi
rax      0x5      5                  rbx      0x7      7
rcx      0x9      9                  rdx      0x0      0
rsi      0x2d     45                  rdi      0x2      2
ni
mov %rsi, %rax
rax      0x2d     45                  rbx      0x7      7
rcx      0x9      9                  rdx      0x0      0
rsi      0x2d     45                  rdi      0x2      2
ni
mov %rdi, %rcx
rax      0x2d     45                  rbx      0x7      7
rcx      0x2      2                  rdx      0x0      0
rsi      0x2d     45                  rdi      0x2      2
ni
```

```

div %rcx
rax    0x16    22          rbx    0x7      7
rcx    0x2     2           rdx    0x1     1
rsi    0x2d    45          rdi    0x2     2
ni
ret

```

Question 4:

```

ni
mov $0xdeadbeef12345678, %rax    mov $7, %rbx    mov $9, %rcx
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
ni
mov %rbx, %rcx
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0xabba0bb0bb398d1
ni
and %rax, %rcx
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0x8aa8b0ab02341050
ni
mov %rbx, %rdx
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0x8aa8b0ab02341050
rdx    0xabba0bb0bb398d1
ni
or %rax, %rdx
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0x8aa8b0ab02341050
rdx    0xffbffe001bb0def9
ni
mov %rbx, %rsi
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0x8aa8b0ab02341050
rdx    0xffbffe001bb0def9
rsi    0xabba0bb0bb398d1
ni
xor %rax, %rsi
rax    0xdeadbeef12345678
rbx    0xabba0bb0bb398d1
rcx    0x8aa8b0ab02341050
rdx    0xffbffe001bb0def9
rsi    0x75174e54198acea9
ret

```