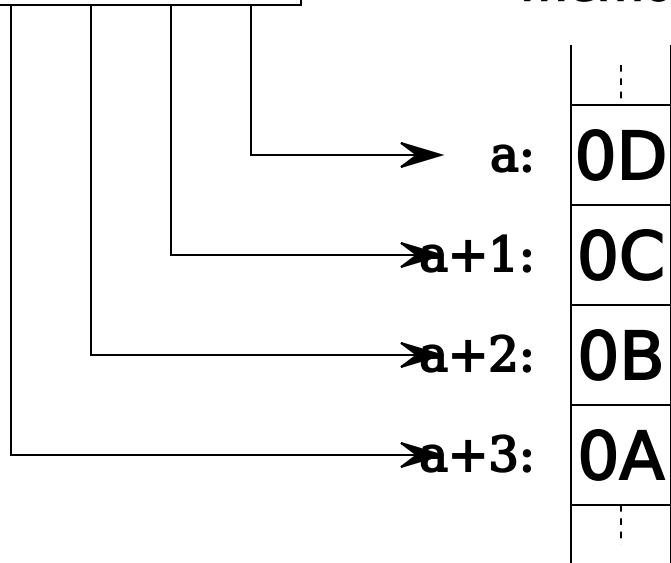one 32-bit integer

arranged as
four bytes in
memory

arranged as
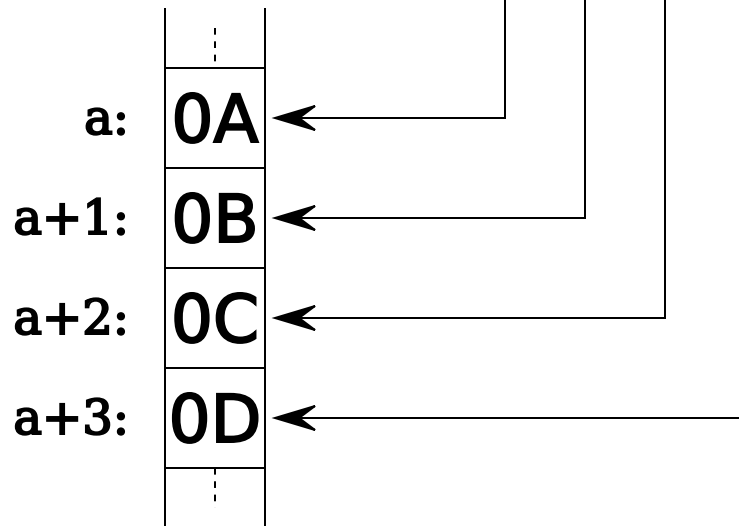four bytes in
memory

one 32-bit integer

0A0B0C0D

0A0B0C0D

a: 0D

a+1: 0C

a+2: 0B

a+3: 0A

a: 0A

a+1: 0B

a+2: 0C

a+3: 0D

Little-endian

Big-endian