```
// Declaration of variables

int* A;       // Integer array A with the base address pointing to variable A
int a;         char b, c;           short d;

// Append array elements

{ A[2], A[4] } = A[1] * A[0];                          // {} = concatenation / append. 64-bit product
should be stored in Array
A[5] = A[4] / 230;
a = A[4] % 230;
b = a >> 16;                                                  // '>>' = right shift
c = (a & 0b'1000) | (b | 0b'0011);            // '&' = bit-wise and
d = a << 2;                                                    // '<<' = left shift
A[6] = {b, c, d};                  // {} = concatenation / append. Use Memory Operations (identify
the correct address to place, c and d in Array)
A[3] = (A[0] + A[1] - 100) - (A[2] + A[4] - A[5]);
```