2 – EXAMPLE INPUT AND OUTPUT FILE

```
INPUT FILE:                      OUTPUT FILE:

0b10101010 + 0b101010            0b11010100       (POSITIVE)
0b10101010 − 0b101010            0b10000000       (POSITIVE)
0b10101010 − 0b1010101010        0b1000000000     (NEGATIVE)
0b10101010 * 0b101010            0b1101111100100  (POSITIVE)
0b10101010 / 0b101010            0b100            (POSITIVE)
0b10101010 % 0b101010            0b10             (POSITIVE)

1009 + 503                       1512
1009 − 503                       506
1009 − 5030                      -4021
1009 * 503                       507527
1009 / 503                       2
1009 % 503                       3

0xFED + 0xABC                    0x1AA9   (POSITIVE)
0xFED − 0xABC                    0x531    (POSITIVE)
0xFED − 0xABCD                   0x9BE0   (NEGATIVE)
0xFED * 0xABC                    0xAAF40C (POSITIVE)
0xFED / 0xABC                    0x1      (POSITIVE)
0xFED % 0xABC                    0x531    (POSITIVE)

0b10101010 2 10                  170
0b10101010 2 16                  0xAA

1009 10 2                        0b1111110001
1009 10 16                       0x3F1

0xFED 16 2                       0b111111101101
0xFED 16 10                      4077
```