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CS 447 – Lab 1

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A.1 Table filled below. The long one was really fun.

| **Hex** | **Binary** | **Decimal** |
| --- | --- | --- |
| 0x8A | 1000 1010 | 138 |
| 0xF7 | 1111 0111 | 247 |
| 0x2D | 0010 1101 | 45 |
| 0x3685B | 0011 0110 1000 0101 1011 | 223323 |
| 0x20A | 0010 0000 1010 | 522 |
| 0x100 | 0001 0000 0000 | 256 |

B.1 when $v0 == 1 the syscall will print the int stored in $a0

B.2 in jjs231\_lab1-1.asm