Recitation 1

**Unsigned**

|  |  |  |
| --- | --- | --- |
| **Decimal** | **Binary** | **Hex** |
| 10 | **0b0000 1010** | **0x0A** |
| 241 | **0b1111 0001** | **0xF1** |
| 15 | **0b0000 1111** | **0x0F** |
| 162 | **0b1010 0010** | **0xA2** |
| 250 | **0b1111 1010** | **0xFA** |
| 255 | **0b1111 1111** | **0xFF** |
| 204 | **0b1100 1100** | **0xCC** |

|  |  |  |
| --- | --- | --- |
| -35 | **NA** | **NA** |
| 128 | **0b1000 0000** | **0x80** |
| 105 | **0b0110 1001** | **0x69** |

**Two’s Compliment**

|  |  |  |
| --- | --- | --- |
| **Decimal** | **Binary** | **Hex** |
| -10 | **0b1111 0110** | **0xF6** |
| -15 | **0b1111 0001** | **0xF1** |
| 15 | **0b0000 1111** | **0x0F** |
| -94 | **0b1010 0010** | **0xAC** |
| 250 | **NA** | **NA** |
| -1 | **0b1111 1111** | **0xFF** |
| -52 | **0b1100 1100** | **0xCC** |

|  |  |  |
| --- | --- | --- |
| -35 | **0b1101 1101** | **0xDD** |
| 128 | **NA** | **NA** |
| 105 | **0b0110 1001** | **0x69** |