1. Decimal to Binary
2. 11= 1011
3. 65 = 1000001
4. 100 = 1100100
5. 255 = 11111111
6. Binary to Decimal
7. 1101 = 12
8. 1000 = 8
9. 101011 = 43
10. Ulric = 85 108 114 105 99
11. Language Questions

|  |  |  |  |
| --- | --- | --- | --- |
| **Language** | **Creator** | **Year Created** | **Specific Motivation** |
| BASIC | John G. Kemeny | 1963 | No |
| C++ | Bjarne Stroustrup | 1979 | To balance efficiency and abstraction |
| Java | James Gosling | 1995 | No |
| Python | Guido van Rossum | 1991 | To create an advanced scripting language for the Amoeba system. |