Exercise: Decimal to Binary Conversion (20 points)

1. Convert this IP address to binary: 172.43.119.1

First octet: 172

Decimal								
Value	128	64	32	16	8	4	2	1
Remainder								
Binary								

Second octet: 43

Decimal								
Value	128	64	32	16	8	4	2	1
Remainder								
Binary								

Third octet: 119

Decimal								
Value	128	64	32	16	8	4	2	1
Remainder								
Binary								

Fourth octet: 1

Decimal								
Value	128	64	32	16	8	4	2	1
Remainder								
Binary								

Binary to Decimal Conversion (20 points)

1. IP Address: 10101011.00111100.11100010.00010101

First Octet: 10101011:

Binary	1	0	1	0	1	0	1	1
Decimal								

Second Octet: 00111100

Binary	0	0	1	1	1	1	0	0
Decimal								

Third Octet: .11100010

Binary								
Decimal								

Fourth Octet: 00010101

Binary								
Decimal								

*** IP Address is: _____._____._____._____