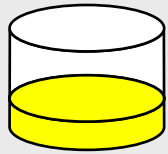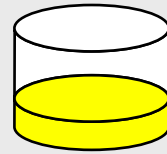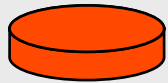Alice   Bob

Common Paint

+   +

Secret Colors

=   =
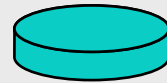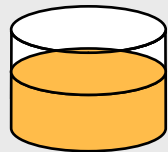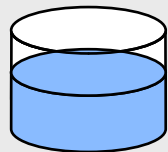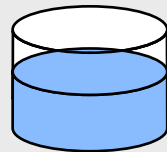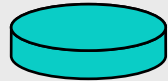
Public Transport
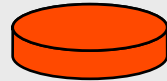
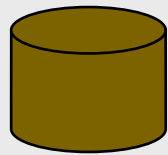+   +
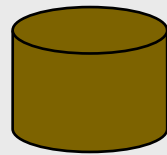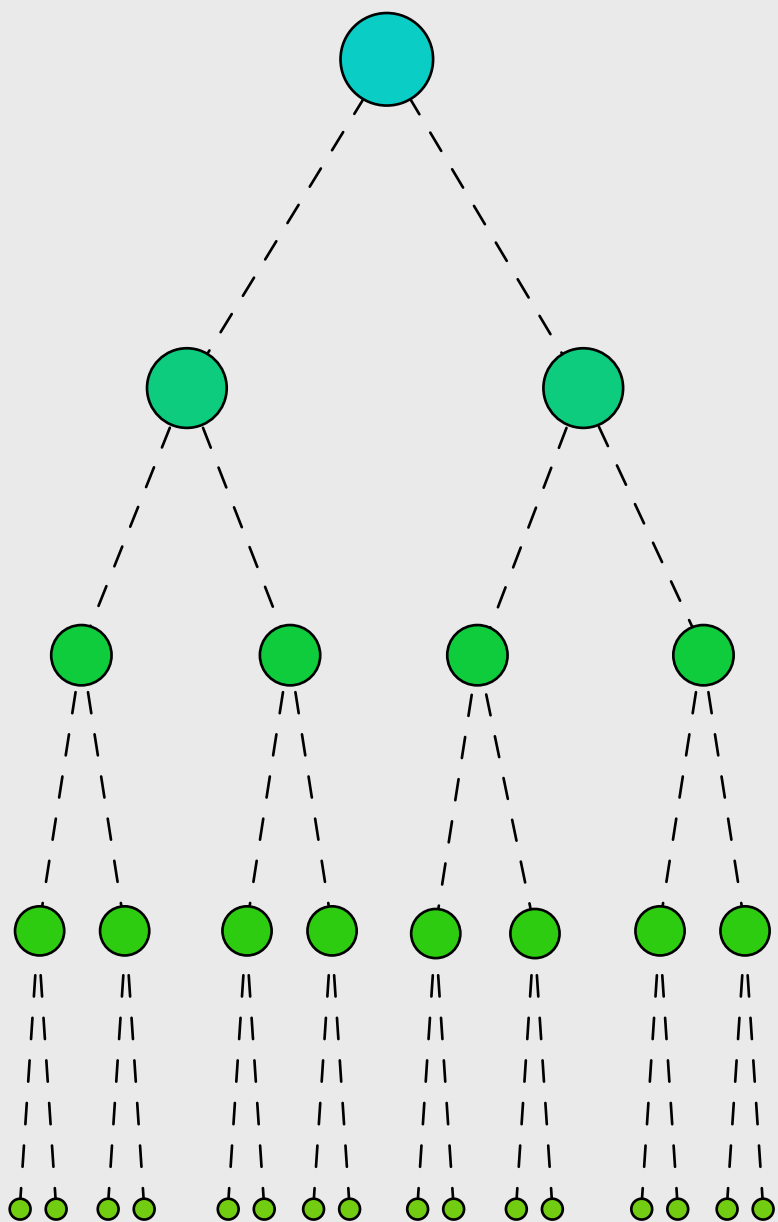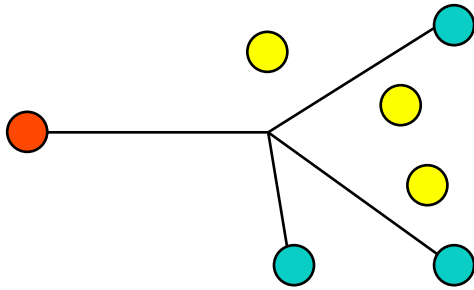
Secret Colors

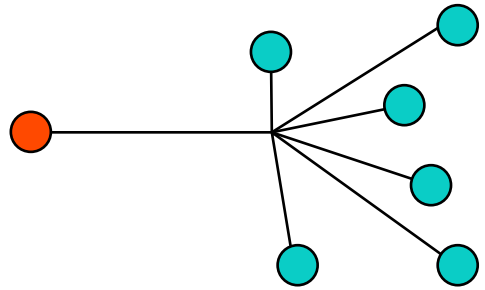=   =

Shared Secret

Diffie-Hellman Key Exchange

```
type binary_tree = Leaf of int | Tree of binary_tree * binary_tree
```

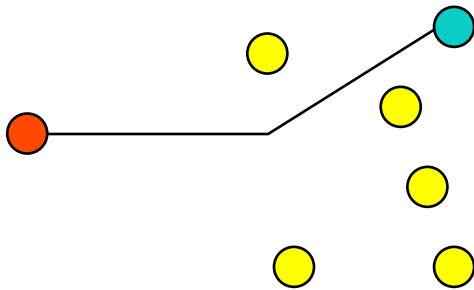| Binary	Hex	Decimal
0000	0	0
0001	1	1
0010	2	2
0011	3	3
0100	4	4
0101	5	5
0110	6	6
0111	7	7
1000	8	8
1001	9	9
1010	A	10
1011	B	11
1100	C	12
1101	D	13
1110	E	14
1111	F	15

Binary - Hex - Decimal

Multicast

Broadcast

Unicast
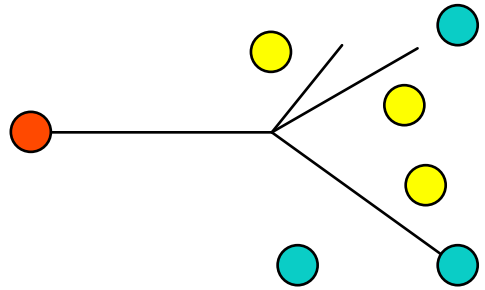
Anycast

Routing Schemes

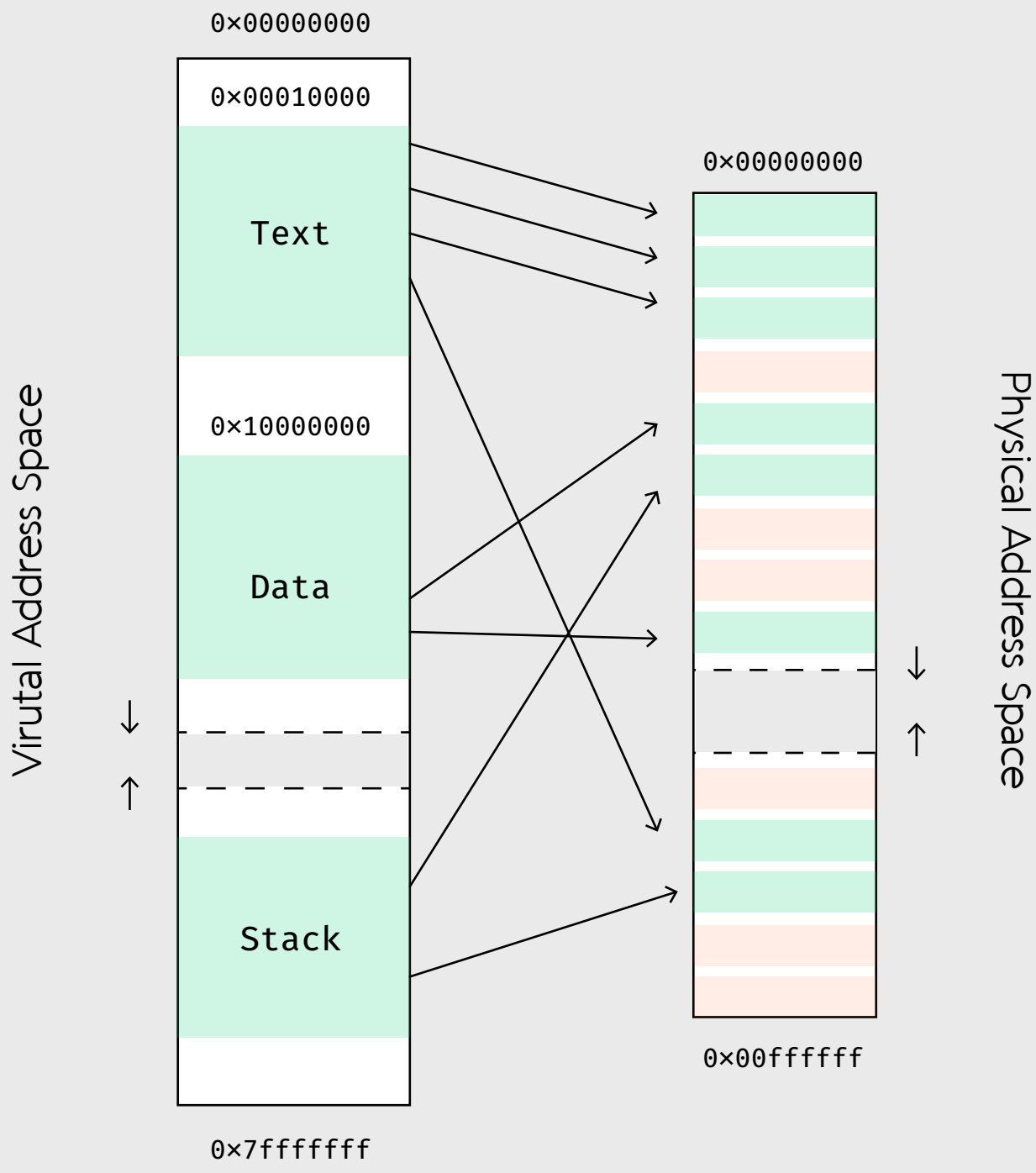Source Code → Lexical Analyzer → Tokenized Code → Syntactic Analyzer → Parsed Code → Semantic Analyzer → Qualified Code → Code Generator → Object Code → Optimizer → Final Code
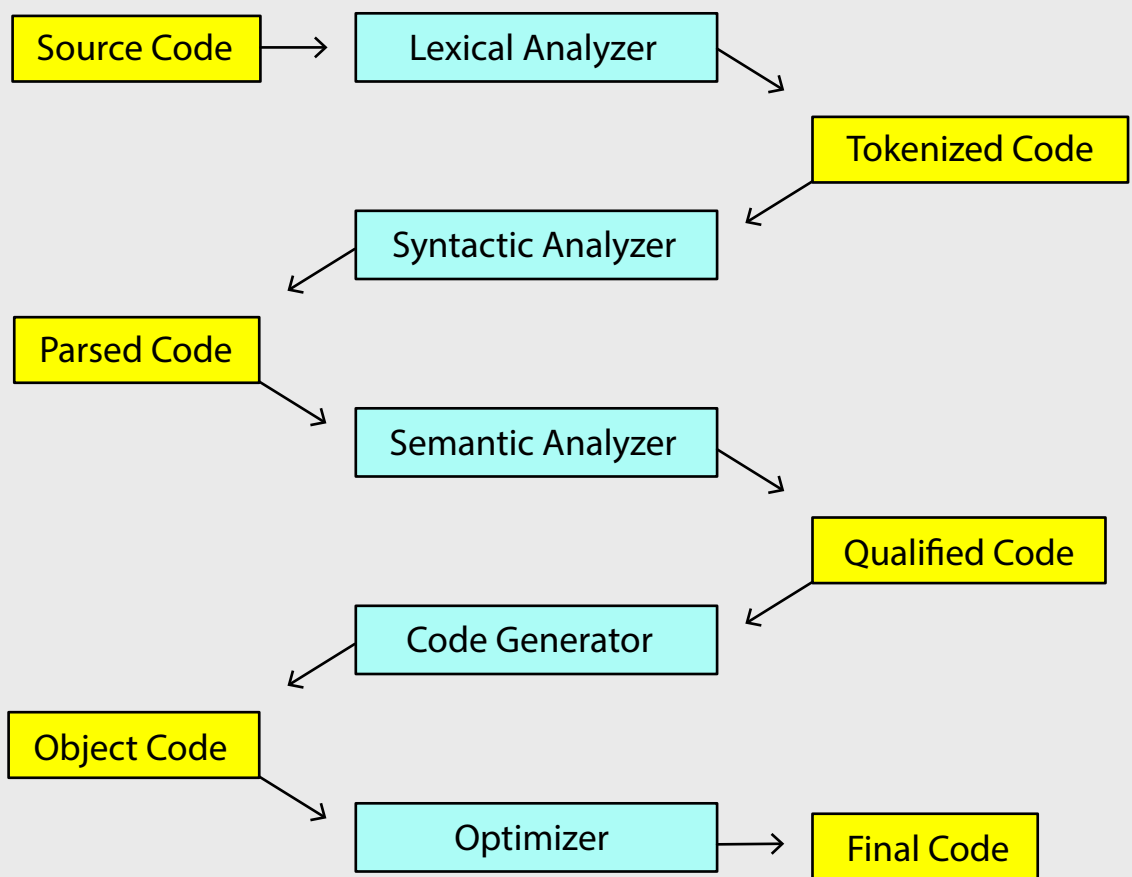
Compilers

Virtual Memory Management