Section 3 Class Notes

Arrays are reference types. But what they are storing can be either reference or value types.

Formal syntax for array:

T [ ] id;

Int [ ] hours; //uninitialized at this point.

Size is never part of type. Size is determined at runtime.

To create array, use standard New syntax:

Int [ ] hours = new int[ size ]; //size must be greater than or equal to zero.

To access array, use index. Index is zero-based:

Var x = hours[ i ];

Hours[ i ] = 10;