

Critical Thinking Chapter 3

1. a) `_my_Name`
`_number_1`
`list_1`
`length`
b) `my.name`
Number - first letter is capitalized
1 List
`#myName`
`@eclipse`

These are all invalid because there should be no space or special characters like `@` in them.

2. a) `Int numBeads;`
`numBeads = 5;`
b) `Int numBeads = 5;`
3. a) `yourNumber = 13`
b) `yourNumber = 11`
4. a) `int numbasket;`
b) `int`
c) `int numPlayers;`
d) `double`
e) `boolean`
f) `char`
5. a) Primitive is build in data types and can only store a single piece of data
Abstract data type is a class that can store data and methods
b) class is a abstract data type
Object is a variable declared with a class