Default constructor

- java will only automatically write the default constructor if you create a class and write nothing inside it.

(Horizontal chaining) this() keyword:

- use this(<parameter1>, <parameter2>) to jump between constructors that take in the specified parameters.

- if you create a constructor, the default constructor will not be automatically assigned

IMPORTANT: CONSTRUCTORS ARE NOT INHERITED!!!

(Vertical chaining) super() keyword:

- use super(<parameter1>, <parameter2>) to call a constructor in the immediate parent class that takes in the specified parameters

- if there is no this(x) or super(x) statement in a constructor Java will insert super(x) automatically as the first statement in the constructor

- when there is no constructor defined in a class, java automatically creates a no argument constructor.

- super() or this() must always be the first thing in the constructor