1. Create a Base bicycle; abstract class
   a. Default frame colors
   b. Prices
2. Create subclasses Road bikes and Mountain Bikes; abstracts
   a. Wheels: wide and normal
      i. Each has a tire and tube specific to each one
      ii. White tire is a special order type for each item
   b. Road
      i. Normal Tire and two types tubings
   c. Mountain
      i. Wide Tire and two types of tubing
3. Create subclasses Road: Touring & Vintage, Mountain: Downhill Cross Country
   a. Road - normal tires
      i. Touring
         1. Tubing 1
      ii. Vintage
         1. Tubing 2
   b. Mountain
      i. Downhill - wide tires
         1. Tubing 1
      ii. Cross Country
         1. Tubing 2

Attributes	Bike			
	Road		Mountain	
	Touring	Vintage	Downhill	Cross Country
Wheel	Normal		Wide	
Default Color	Blue	Red	Black	Green
Wheel Size (in)	25	25	27	27
Model Prefix	TB901	VB801	DB505	MB605
Starting Number	951357	753159	852654	258456
Starting Price ($)	499.99	299.99	699.99	599.99

Custom Options	
Type	**Price ($)**
Golden Frame	149.95
Leather Seat	89.99
Leather Grips	29.99
White Type	19.99

Prepping for Sale
Airing Tires
Test Ride
Washing Frame

Bike Frame colors: Black, Red, Blue, Green, Chrome, Gold (limited)

Sample Inventory of each model and include default colors.

Maintain the serial: prefix + starting number

Receipt of purchase: We can use Interpolation