Bicycle

-frameSize: double

-nGears: int -currentGear: int

+Bicycle(frameSize: double, nGears: int)

## ElectricBicycle

-batteryCapacity: int -currentCharge: double

+ElectricBicycle(frameSize: double, nGears: int,

batteryCapacity: int)

## CargoBicycle

-maxLoad: double -currentLoad: double

+CargoBicycle(frameSize: double, nGears: int,

maxLoad: double)

## ElectricCargoBicycle

+ElectricCargoBicycle(frameSize: double, nGears: int,
maxLoad: double, batteryCapacity: int)