

```
In [ ]: class Car:
        def __init__(self, name, pos):
            self.name = name
            self.position = pos
            self.speed = 0

        def move(self):
            self.position = self.position + self.speed

        def accelrate(self, acceleration):
            self.speed += acceleration

        def brake(self, acceleration):
            self.speed -= acceleration

        def print_info(self):
            print("=====")
            print("Showing info for car: ", self.name)
            print("Car's position is: ", self.position)
            print("Car's speed is: ", self.speed)
```

```
In [ ]: cars = []
cars.append(Car("Talisman", 0))
cars.append(Car("Mustang", 0))
cars.append(Car("BMW X3", 0))
```

```
In [ ]: cars[0].accelrate(4)
cars[1].accelrate(7)
cars[2].accelrate(5)
end = 100
finished = False
```

```
In [4]: while not finished:
        for car in cars:
            car.move()
            if car.position >= end:
                print("Race is finished")
                car.print_info()
                finished = True
                break
```

```
Race is finished
=====
Showing info for car:  Mustang
Car's position is:  105
Car's speed is:  7
```

```
In [ ]:
```