Classes 04

**class Automobile{**

**var seatingCapacity:Int**

**var automobileName: String**

**init(seatingCapacity:Int,automobileName:String) {**

**self.automobileName = automobileName**

**self.seatingCapacity = seatingCapacity**

**}**

**func getSeatingCapacity()->Int{**

**return seatingCapacity**

**}**

**func start(){**

**print("Start the automobile with key")**

**}**

**func getAutomobileDetails() -> String{**

**return "Automobile Name: \(automobileName),\nSeating Capcity: \(seatingCapacity)"**

**}**

**}**

**class Car:Automobile{**

**var carType:String**

**init(carType:String) {**

**self.carType = carType**

**super.init(seatingCapacity: 5, automobileName: "Car")**

**}**

**override func start() {**

**print("Start the car with key or push button")**

**}**

**override func getAutomobileDetails() -> String {**

**return super.getAutomobileDetails()+"\nCar type: \(carType)"**

**}**

**}**

1. Write the expected output for the following lines of code

**let car = Car(carType:"Sedan")**

**car.start()**

**print(car.getAutomobileDetails())**