

## Example 1

Class Mobile Phone

(Attributes)

Brand

Model

Price

Color

Battery

(Objects)

Phone 1:-

Brand : "Samsung"

Model : "Galaxy S23"

Price : 30000

Color : "Black"

Battery : 1500 mAh

Phone 2:

Brand : "Apple"

Model : "Iphone 14 Pro Max"

Price : 225000

Color : "White"

Battery : 5000 mAh

## (Methods)

make call

Send Photo

Check Battery

Take Photo

Send mail



## Class Car

### (Attributes)

Brand

Model

Price

Speed

Color

Engine Type

### (Objects)

Car 1: Brand : "Toyota"

Model: 2024

Price : 3000000

Speed : 120 Km/h

Color : "White"

Engine Type: "Petrol"

Car 2 :

Brand : "Honda"

Model : 2023

Price : 6000000

Speed : 200 Kmh

Color : "Black"

Engine Type : "Diesel"

(Methods)

Start Engine

Stop Engine

Accelerate

Break

Refuel



Example 3

Class Student

(Attributes)

Name

Roll Number

Age

Grade

Subjects

## (Objects)

Student 1:

Name: "Rafay"

Roll No.: 15

Age : 21

Grade: A

Subjects: "Physics", "Chemistry"

Student 2:

Name: "Nohan"

Roll No.: 35

Age : 28

Grade: A+

Subjects: "Biology", "Urdu"

## (Methods)

Add Subjects

Calculate Marks

Giving Exams

## Example 4

### Class Company

#### (Attributes)

~~Name~~:

Company Name

Location ~~Address~~:

Established Year

Industry

Employees

#### (Objects)

##### Company 1:

Company Name: "Tech Innovators"

Location : "New York"

Established Year: 2010

Industry : "IT"

Employees : 200

##### Company 2:

Company Name: "Green Earth"

Location : "London"

Established Year: 2015

Industry : "Environmental"

Employees : 150

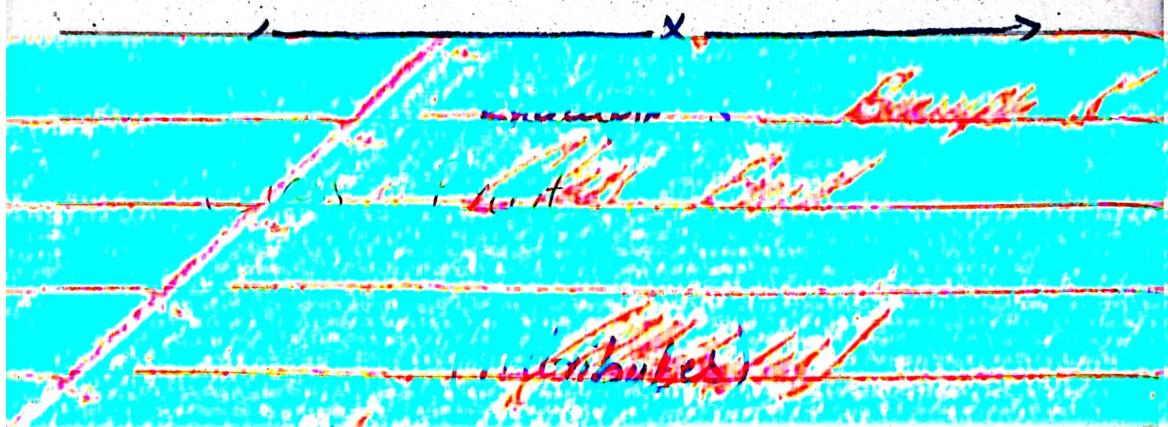
(Method)

Hire Employee

Pire Employee

Generate Annual Report

Add Department



Name

Color

Taste

Weight

Season

## Objects

Fruit 1:

Name : "Mango"

Color : "Yellow"

Taste : "Sweet"

Weight: 200 grams

Season: "Summer"

Fruit 2:

Name : "Lemon"

Color : "Green"

Taste : "Sour"

Weight : 50 grams

Season : "Summer"

(Methods)

Check Sweetness

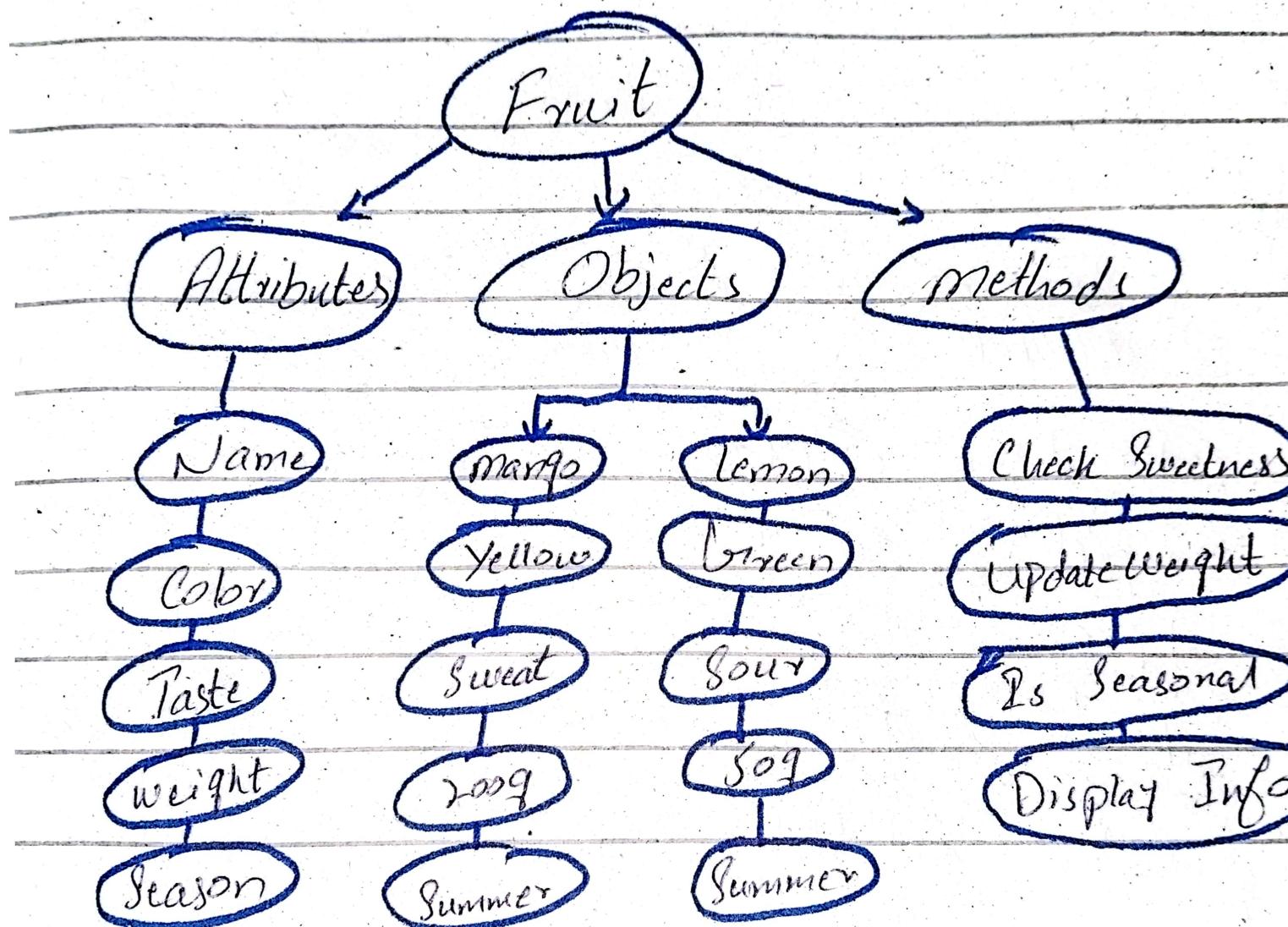
Update Weight

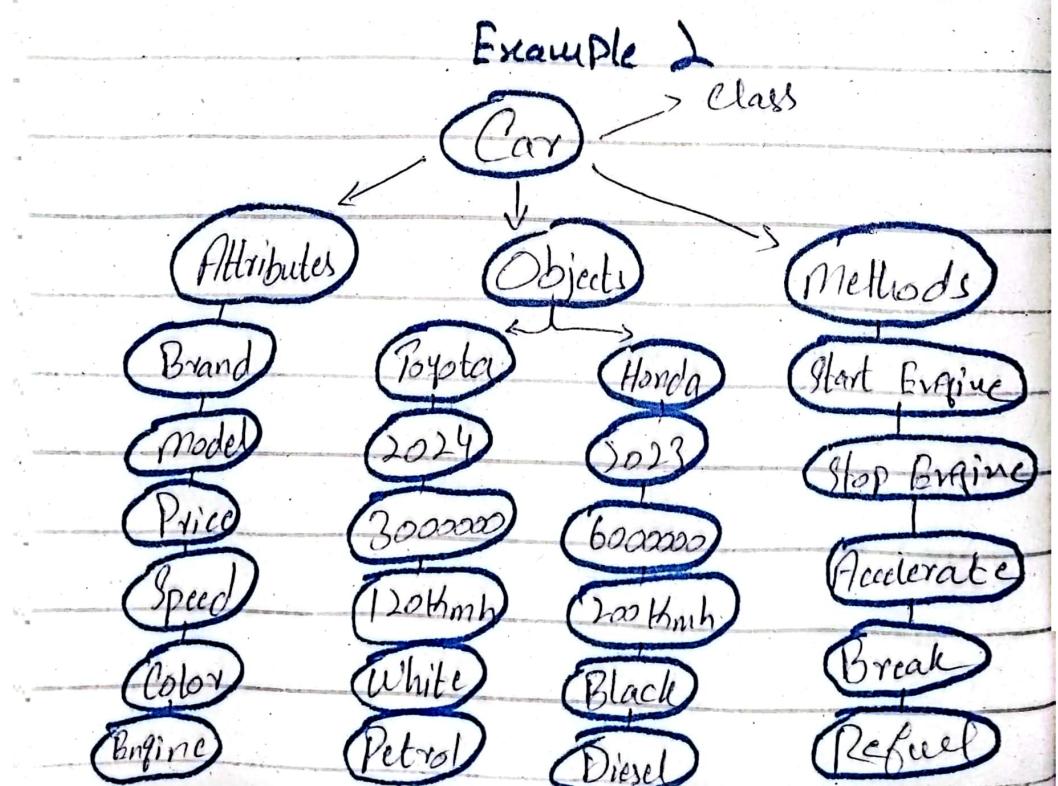
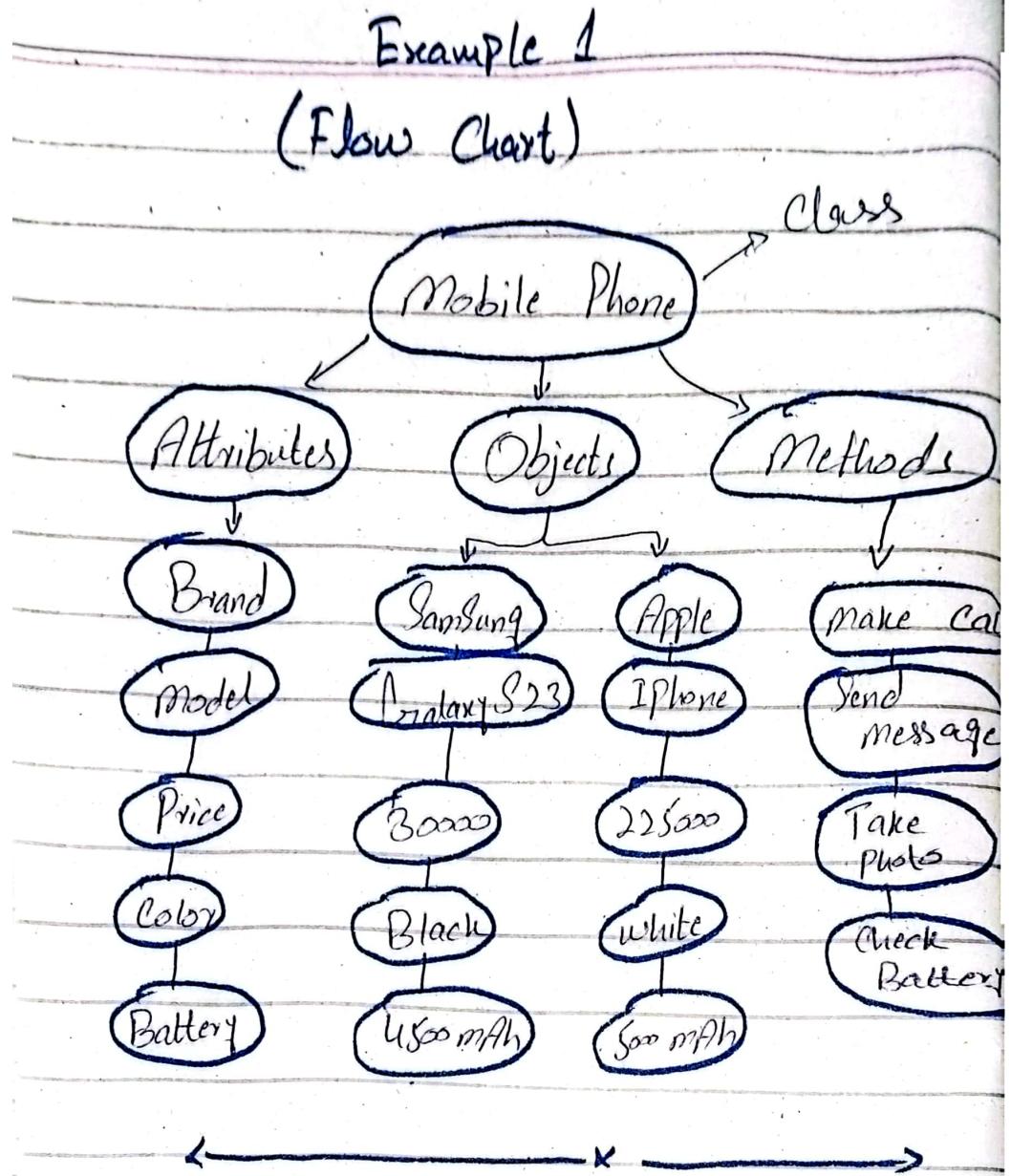
Is Seasonal

Display Info

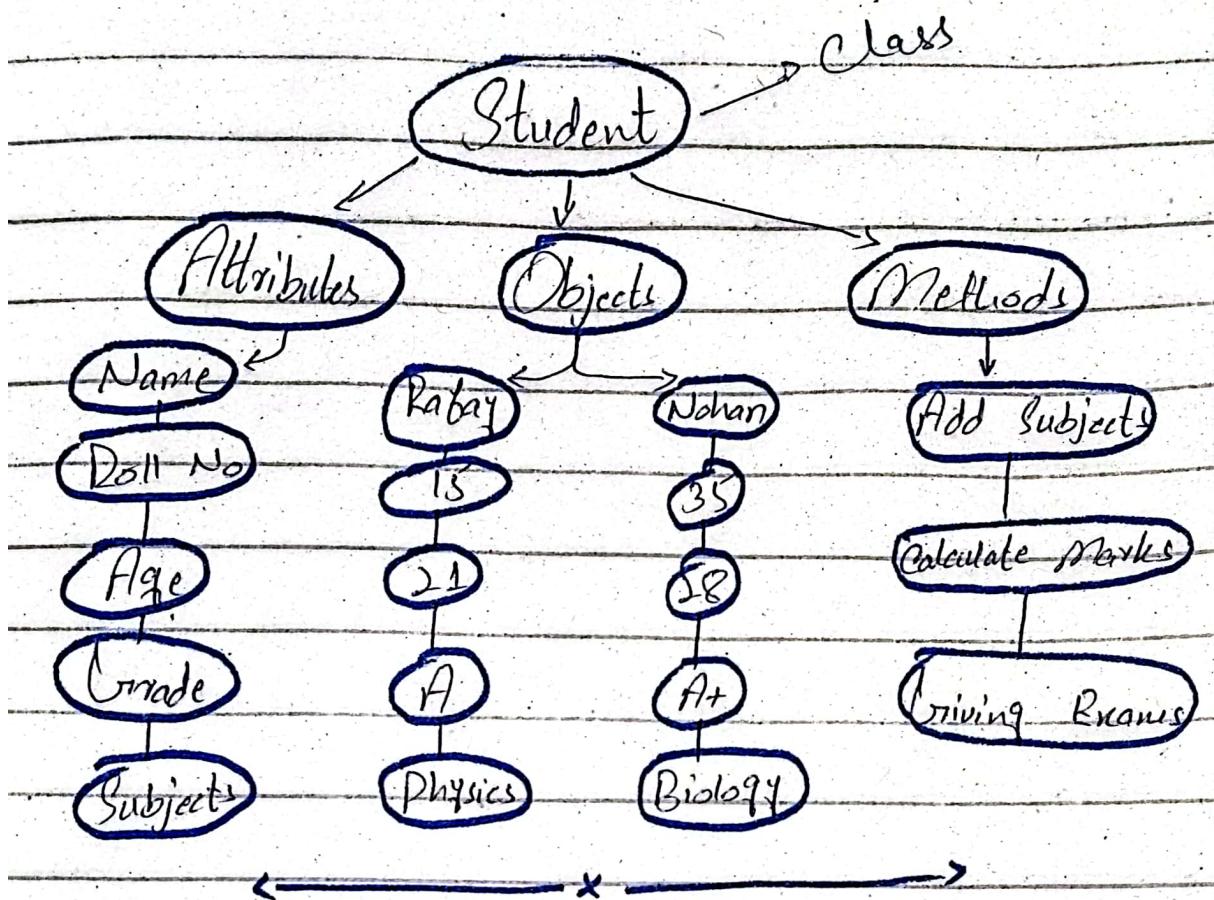
# Display Info

( Flow Chart ) → class





### Example 3



### Example 4

