

Getter and Setter method

Getter method

(retrieve value of instance variable)

- A getter method is a method that gets a value of an instance variable.
- Without a getter method, you can not retrieve a value of an instance variable outside the class the instance variable is initiated from.
- Name of a getter method is the same as the name of the instance variable (attribute).
- Getter method requires no argument bcz it is used to retrieve the value of instance variable only.

class GetterSetter

def initialize(name)

@name = name

end

def name

puts @name

end

obj1 = GetterSetter.new("Ravi Singh")

obj1.name

getter method to get value of instance variable

output
Subin Krishna

Setter method (update value of instance variable)

class GetterSetter

def initialize(name)

@name = name

end

def name

puts @name

end

def name=(name)

@name = name

end

obj1 = GetterSetter.new('Subin Krishna')

obj1.name # Getter method call

obj1.name = 'Alex'

obj1.name

Op => Subin Krishna
Alex

Old value replaced by new value
Subin Krishna is replaced by Alex in the new instance

A setter method is a method that sets a value of an instance variable.
Without a setter method, you can not assign a value to an instance variable outside its class.

Setter method to replace the value of name

* Getter & setter methods are constructed inside class but called outside the class.