Data Types

1. var name : String = "John"

print(type(of : name))

String

1. var age = 23

print(type(of : age))

Int

1. var isEligible = true

print(type(of : isEligible))

Bool

1. var doubleValue = 23.3

print(type(of : doubleValue))

Double

// Explicit Declaration

1. var relation : String = "Brother"

print(relation)

Brother

1. var noOfCousins : Int = 4

print(noOfCousins)

4

1. var nothingInBrain : Bool = false

print(nothingInBrain)

false

//Optionals

1. var holdsDegree : Bool? = nil
   1. print(holdsDegree)

nil

* 1. holdsDegree = true

print(holdsDegree)

Optional(true)

//Unwrapping a value

* 1. print(holdsDegree!)

true

1. var minAgeToVote : Int? = 18
   1. print(minAgeToVote)

Optional(18)

* 1. print(minAgeToVote!)

18

1. var player : String? = nil

print(type(of : player))

Optional<String>

1. var someValue:Int?

var someAnotherValue:Int? = 10

if someValue != nil {

print("It has some value \(someValue!)")

} else {

print("doesn't contain value")

}

if someAnotherValue != nil {

print("It has some value \(someAnotherValue!)")

} else {

print("doesn't contain value")

}

doesn't contain value

It has some value 10

1. var age : Int?

var age2 : Int! = 23

if let temp = age {

print("It has some value \(temp)")

} else {

print("doesn't contain value")

}

if let temp = age2 {

print("It has some value \(temp)")

} else {

print("doesn't contain value")

}

doesn't contain value

It has some value 23