Github.com Gitlab.com Bitbucket.org

Download git then make account in all three sites (till Sunday)!!

Data type:

Data:

3 3.5 ’a’ ” a”

Type:

int float char string

Convert int a=18 into binary

128 64 34 16 8 4 2 1

1 0 0 1 0 : 18

1 0 1 0 1 0 : 42

[[int can store up to 32bit of info. (i.e. from 4294967295………………to…………………… 64,34,16,8,4,2,1)]]

Types of datatype:

1. Primitive: (stores the data value only)

Int float long char

1. Non- Primitive (wrapper class): (stores data as well as provide supportive functions)

Integer float long character

int =\= Integer

int is datatype and Integer is class.

Int a=10;

Integer b=a;

Integer b=new Integer(10);

int a=b;

primitive datatype + Supportive function = Integer

[[CANDY]] + [[WRAPPER]] = [[WRAPPER CLASS]]

the process of turning primitive datatype into non-primitive datatype is known as boxing/auto boxing.

The process of turning non-primitive datatype into primitive datatype is known as unboxing/auto unboxing.