

## Collection

1 int —→ 1 int var  
:  
2 int —→ 2 int var  
:  
(10 int) —→

### Array

- ① Fixed Size
- ② Only homogeneous data allow
- ③ No support of pre-defined methods.
- ④

### Vs

### Collection

- ① Growable
- ② Can store both homogeneous as well as heterogeneous data
- ③ Very good support in the form of methods for performing basic operation like ADD, REMOVE, SEARCH, SORT etc

int

- ① data type
- ② var
- ③ int a = 10;

Vls Integer

- ① class
- ② objects

③ Integer obj = new Integer(10);

OR  

Integer obj = 10;

  
automatically done by Java

Java 4

Integer obj = new Integer(10);

int x;

x = obj; X

x = obj.intValue(); ✓

>= Java 5

Integer obj = 10;

int x;

x = obj; ✓

① Integer obj;

obj = 10;

③ Boolean result;

result = true;

② character ch;

ch = 'A';

Integer obj;

obj = 25;

Autoboxing

int x;

x = obj;

Unboxing

SoP(x); → 25

x = obj.intValue();

Before Java 5