## UNIT 1: Primitive Types

```
Variable - Store data in RAM (random access
    type name = value, int pouble Boolean Strategy of Camel Case 4 ex) 8, 12.1, 6.0, true, "Hello"=
Integer - Whole number (int)
 Double - Number with decoral places (double)
 Boolen - True | false (boolean)
 String - Text values (String) Capital - reformer data
Example)
   int my Integer = 8;
  double my Double = 7.6;
  boolean is Awesome = true;
   String my Name = "Ajay";
 Constant - Variable whose value cannot be changed
               variable inittaleation
  final type name = value;
      Ex) final int hours In ADay = 24;
```

## Chaning value of voriebles

int my Integer = 7;

my Integer = 8; use assignment operator = 1

and place new valve.

A System. out println (My Integer); >>> 8
La displays He value of variable.

Ex) boolean flag = true; flag = false;

String my Crade = "B";
my Grade = "A";

Arithemetic Operators

addition subtraction Metiplication Modulo by Remander

Ex) int sum = 8+7; 12%5 
System.out.println(sum); >>> 15

+=	-=	*=	/=	% =	25 assignment operators
					operators .
Increment	Operators				
	++				
V	ar x=8;				
>	X + +;				
	system.out.	000 610 (×	), >>>	9	
<u> </u>	ystem.our.	pinen ( A	/>		
Cashing	Voriable	<b>S</b>			
Cash	g - Conve	thus on	e type	e into	another
		es doob	_		
	1004				
int	d = (in	t) 7.8;			
5		way (d)	1. 20	74	Integer Alumns truncates!
	siem. our .y	maria (a)	), ~~	=	truncostes!
ط میا	ble 2 =	(double) L:			
				<i>C</i> A	
y	Stem.out.	printh (2)	> ""	6.0	
Min +	Max Val	us ->	nteger		
Intege	er -> 4	bytes	of RM	<b>A</b>	Lavar
Inte	ger. MW_	.VALUE	_	2,147,4	183, 648 NC count
					183,647)