

the value while the Java program is executed.

* Each vaniable should be given a unique Name to Indicate the Stonage aneq.

* A vaniable is assigned with a data type (We will Jegnn about it often his topic)

0.3 How to assign a value to a vaniable?

Ans 3 Syntax for Declaring a Variable

Type Vaniable name = value;

the vanicible name is the name of a vaniable.

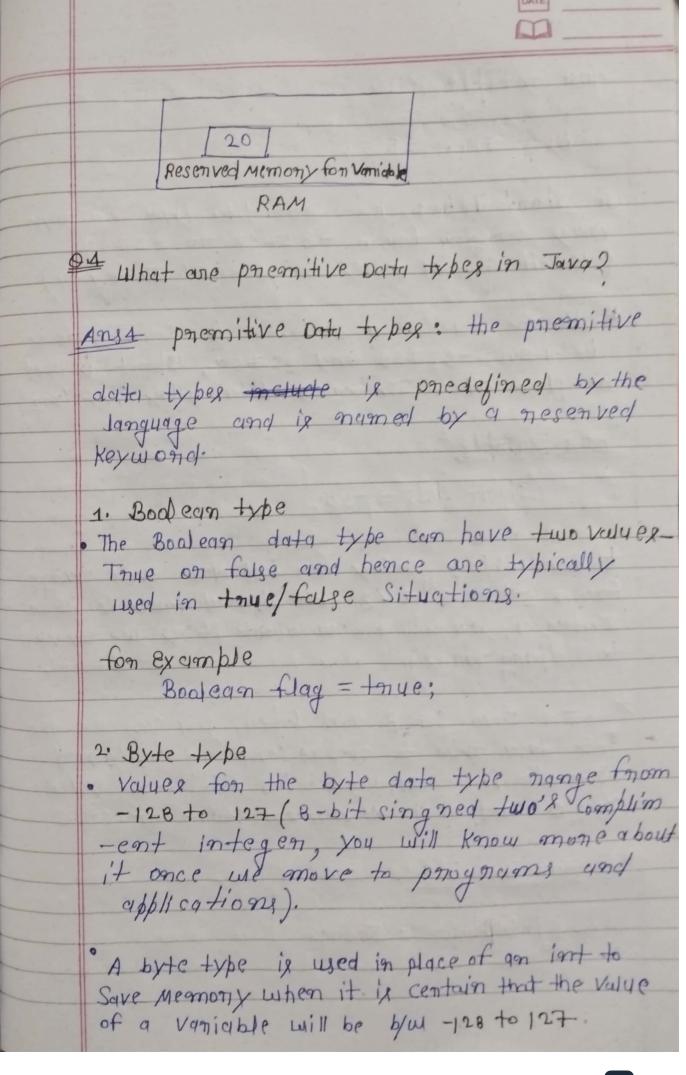
we can initialise the vaniable by specifying an equal sign and a value (initialization ine assigning an initial value, is optional).

However, the compiler never assigns a deput value to an uninitialized local vaniable in Java.

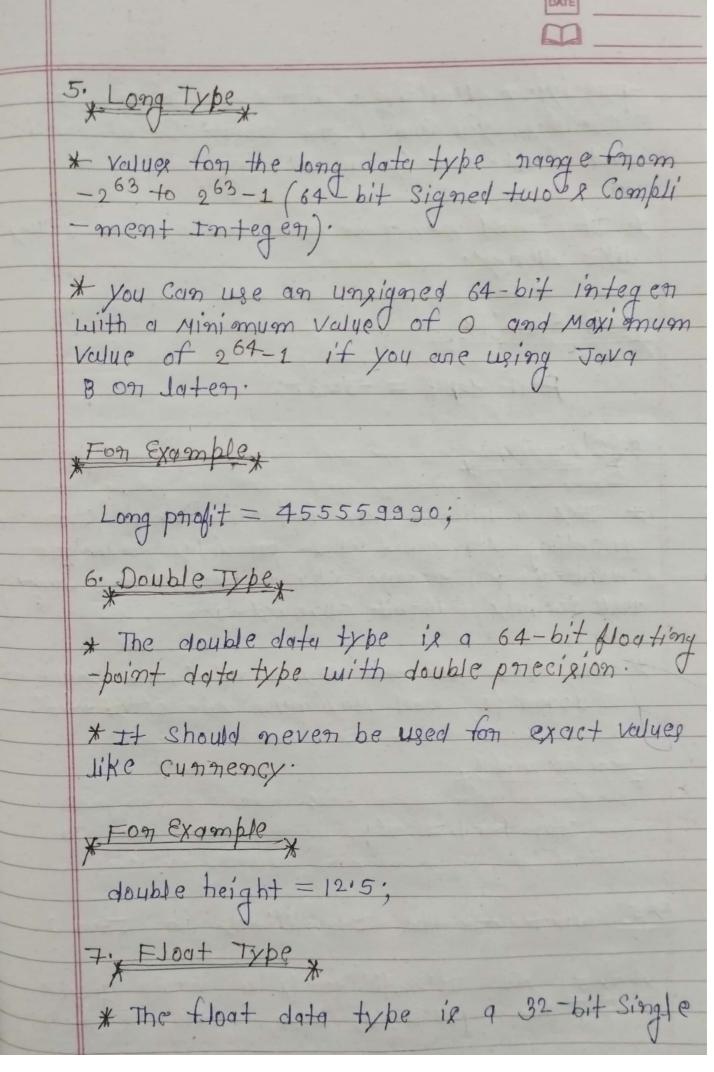
int age = 20; < Value

datatype

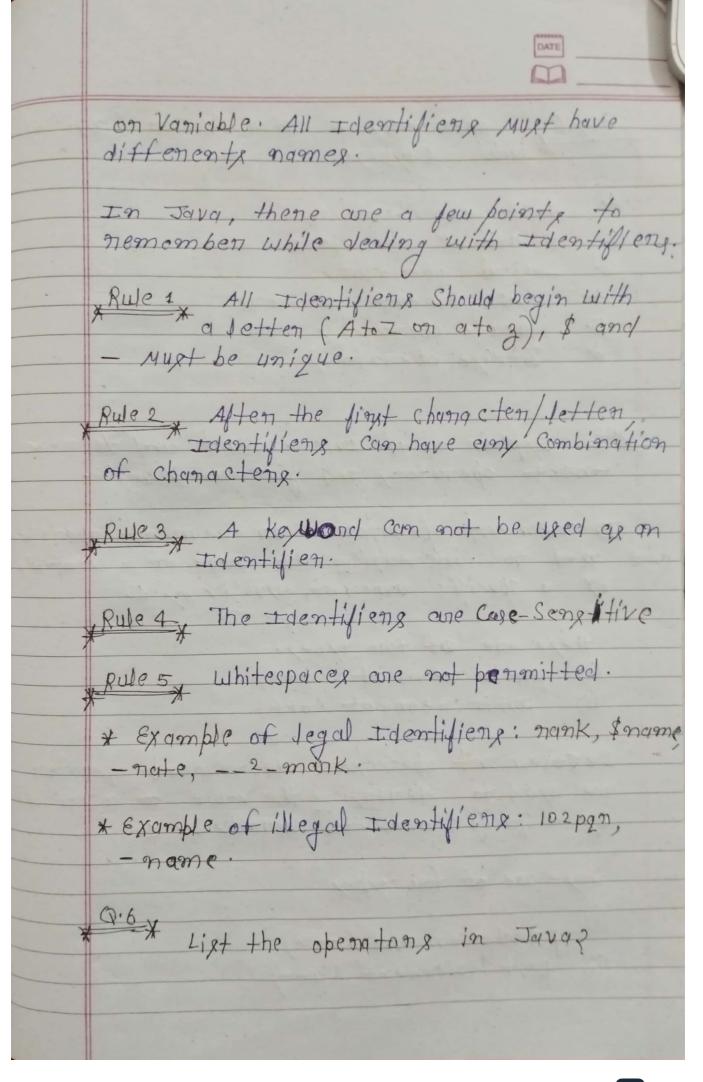
Vaniable-name

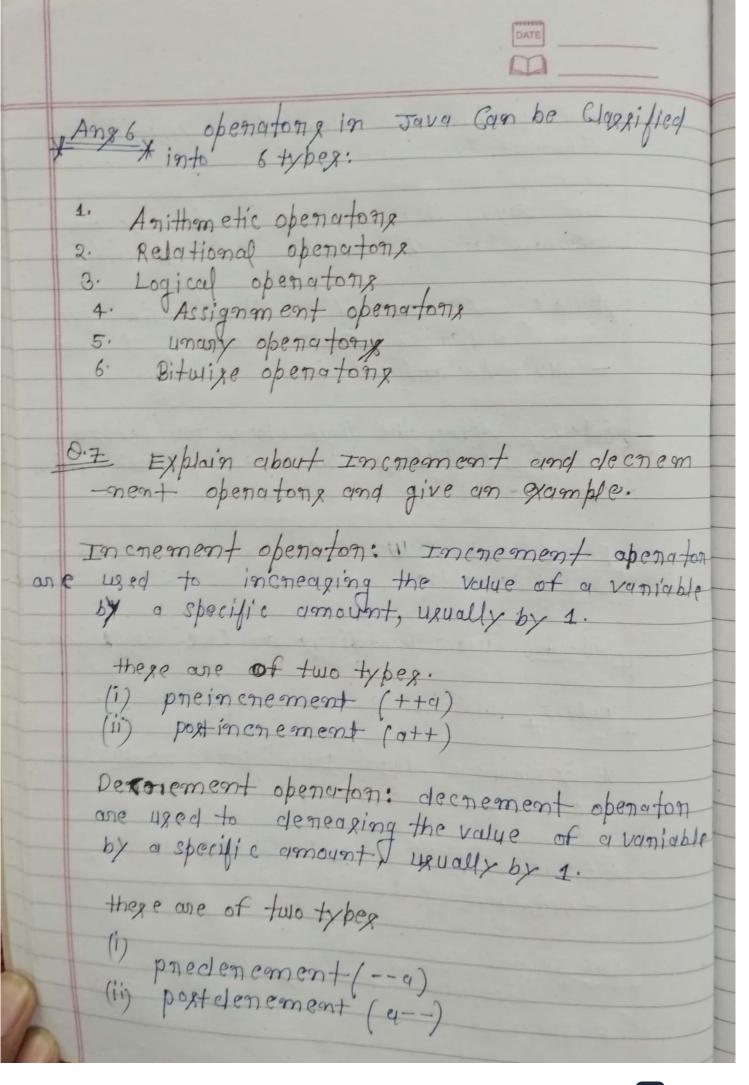


	DATE
	for example
	byte mange = 105;
-	The state of the s
	3. Short Type: The Short data type can have
	199919191 Thom -32760 to 2271-
	(16-bit signified two's Compliment Integen)
-	· If the value of a variable is and
-	between -32768 and 32767, Shont is used
1	in place other Integen data types (int, long)
	FOR Sec. 11.
	For Example
1	Short Joss = -50;
1	Marian Ma
	4. Int Type: Values for int data type nange from 231 to 231-1 (32-bit signed types of 1)
	Thom 201 to 231-1 (32-bit signed type nange
	from 231 to 231-1 (32-bit signed two's Compliment to programs)
	1 10 HOVE
-	* In Java CE O
	* In Java SE 8 and laten, you can use the 32-bit integral to nepnesent an uneigned
1	int date type to nepresent an uneigned of o and or Maximum Value.
	o and ou Maximum Minimum Value.
-	10 to 10 10 10 10 10 10 10 10 10 10 10 10 10
-	Fon example
1	int profit = 5000;
1	1 2000;
	The state of the s
1	



-precision floating point value It you are curious, you can learn about single-precision and double-precision floating point. * It should neven be used for precise values like Money. * FOOD Example x Float depth = -32.3f; 8. Chan Type * It's a unicode (an international character encoding standard that provides a unique number for every character across language and Scripts) 16-bit chanacters. * The chan data type has a minimum value of "u0000' (0) and Maximum vale of uffff. tool Exdample chan temp = 'a'; 0.5 What are the Identifiens in Java? Angs An Identifien is a name given to a package, class, intenface, Method,





Eximple Class Main & public Static Void main (String [] angs) } int a= 5, int b= 6; int c = a++; // post increment int d = ++a// pre increment int e = 5-1/ part de conement int f = --b// priedocnem ent System.out.pnintIn(c); System.out.pnintIn(d); System.out.pnintIn(e); System.out.pnintIn(f); output 5