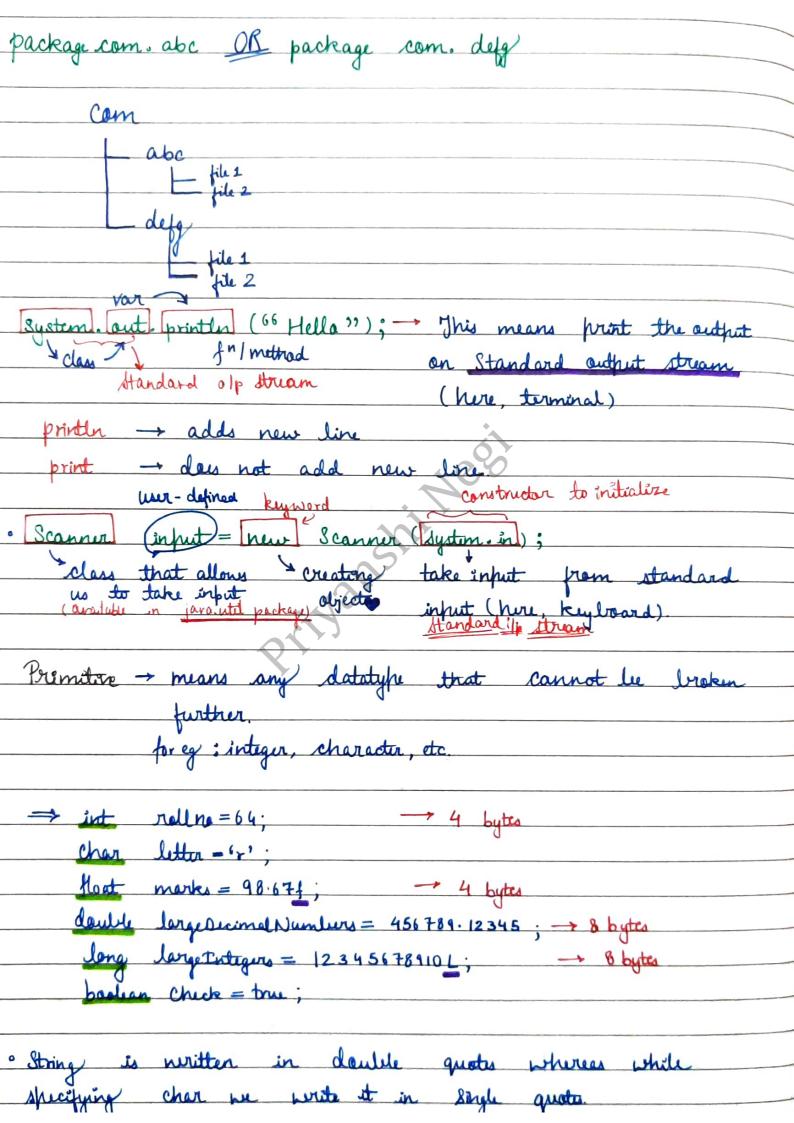
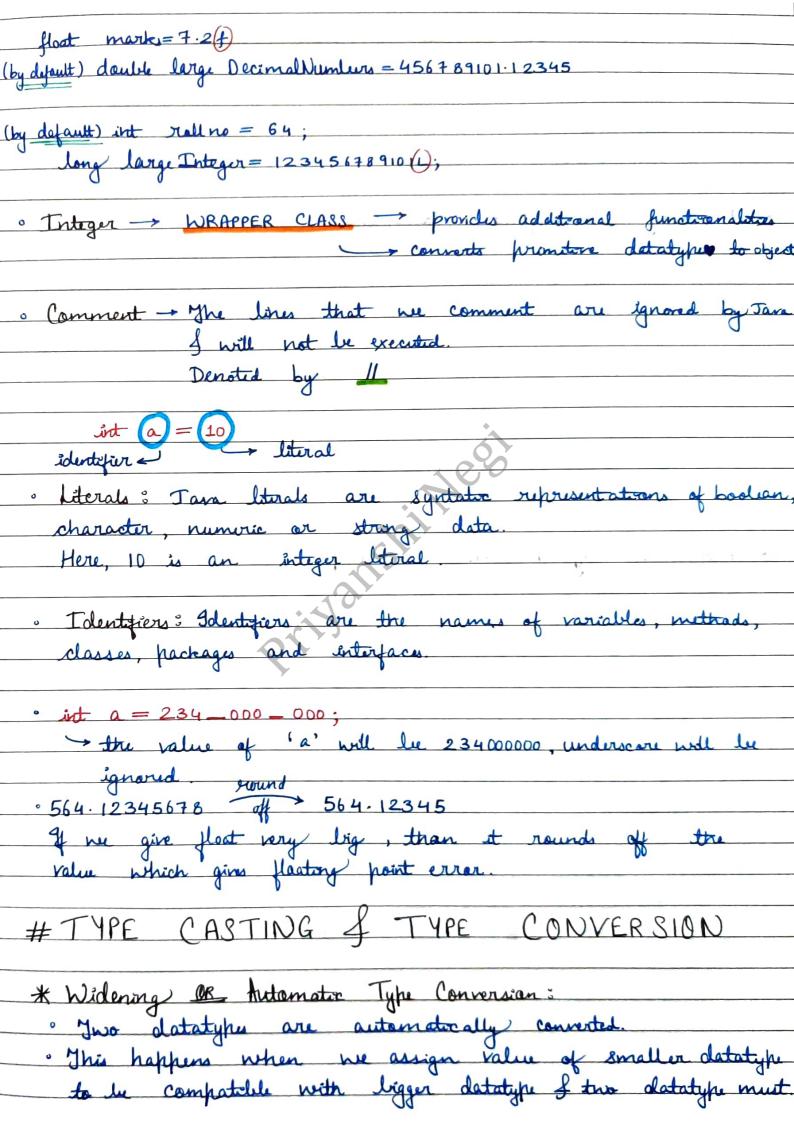
Public class will only be the class that has name of the file
File name: Demo. jara Class name: Demo
It's a good practice to use
It's a good practice to use the initial letter as capital (not necessary).
public: This keyword means we can access the class from anywhere
functions: Collection of code that he can use again I again.  Also known as " Mothads"
have a return value
string[] argi: Means an array of sequence of characters array? ("othergy") that are passed to the main function
offer compiling, class file is always sand in current location where you are in.
· If you want to change the location, use -d (distinction)
al to a valuation and district land the Matter
often while compained & sheety the path
Curr directory of prev. directory
javac - d <path> Demo-java</path>
· echo & PATH: Every command looks for this location lufore
L'environment variables]
"Class name and file name should be same, but if we don't want to make class name as file name then it





1 1 and the state of the state
byte - short - int - long - flaat - double
Eg: int $i = 100$ ; $\rightarrow 100$
$long l=i; \longrightarrow 100$
float $f = l$ ; $\rightarrow 100.0$
* Narrowing or Explicit Conversion:
"This happens when we want to assign a value of larger
data type to a smeller data type
· We perform explicit type casting or narrowing.
double -> Plane - A
double -> flast -> long -> int -> short -> lyte
Eg: double d = 100.04; - 100.04
$long l = (lon) d; \longrightarrow loo$
long l = (long) d;
* Automatic Type Promotion in Expressions:
· While evaluating expressions, the intermediate value may
exceed the range of operands and hence the expression
or positive.
· Some conditions of type promotion are:
Tara automotically promotes each lute short chan
2) have floot an delle the
2) hong, float or double the whole expression is premoted to long, float or double
Eg: After solving expression:
Eg: After solving expression:  (f*b) + (i1c) - (d*s);
we got - floot + int - dauble = double
Converted to bijgest one

\* Explicit Type Casting in Expressions:

• If we want to store large value into small data type

Eq. byte b = 50;

b = (byte)(b\*2); 

type casting int to lyte.