August 24, Morning Session by Aditya Kansana

1.Assignments complete

2. Hackerrank complete

3. 100 Questions within 2 months: Prepinsta top 100 codes https://prepinsta.com/top-100-codes/

4. Leetcode Easy -> Medium -> Hard

5. Project

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Logic Building Session by Vipul Tembulwar

Properties:

numberOfPages

genre

size

author

publication

methods:

getInfo()

getSummary()

This keyword:

If the names of instance variable is same as method’s local variable, we must use this keyword while denoting instance variable

This will point the current instance of class

Init block : instance and static variables can be initialised

Static block: Static variables can be initialised

Constructor block

Sequence of execution: Static block> Init block > Constructor

Static executes only once when we initiate multiple objects

Method overloading: methods which belongs to same class with same name and different parameters

//can we create objects of same class of main method?

Array is used to store similar type of data

Syntax:

datatype nameOfArray[] = {};

datatype nameOfArray[] = new datatype[]

datatype [] nameOfArray = new datatype[]

int a[] = {1,2,3,4}

[] is subscript operator

Homework:

Scanner class is used to take user input in java

We import the scanner class from java.util.Scanner

sc.nextInt() //integer

sc.next() //word

sc.nextLine() //line

char c = sc.next().charAt(5);

Ternary operator:

Nested ternary conditions

String expression = (i<10) ? “10 se kam”; “Koi baat nhi” : (i==10) ? “Size hi 10 hai bhai” : “Tum toh bohot bade ho”;

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Doubt:

Why can we only initialise and not define instance variables in init block

Why can we only initialise and not define static variables in static block

What are the use cases of both of them?