Dies / /

	Fings No.
7/Aug (1)	Java Teamwork - list of Programs:
	create a class Student with the following members:
	Data Members:
	N Roll-No. → int
	2) Name → String
	Member Functions:
	D Show () -> to display the information.
	Create another class Test having main()
	method to test the functionality of
- 100	your Student class.
14/Aug	The state of the s
(0,2)	Create a class Student with the following
	members:
	Data Members:
	1) RollNo int
	2) Name - String
1 3/2	Member Functions:
	1) Show () -> to display the information. Student class should also have a
	parameterized constructor.
	(reate another class Test having main ()
	method to test the functionality of
	your Student class.
21/04	
21/Aug 0.3	write a java program to calculate the
<u> </u>	sum of 2 integers. The numbers
	should be inserted through command
	prompt.
	KPDP

24 my write a java program to calculate the . The number should be inserted through command prompt. Is write a java program to calculate the length of a string without using length method. (String should be entered through command prompt). 28/Aug do Calculate the area of the following shapes: - Triangle 4/501 (2) write a java program to create a class Electricity and calculate the bill based on the following conditions: then bill = 1.20 * unit. 2) If unit is less than 200, then bill = (100*1.20) + (unit - 100*2) 3) If unit is less than 200, then bill = (100*1.20) + (unit-100*2) + (unit-200) + (3) Instance variables: D unit - int 2) bill -> double Methods: Bill-generate () -> double

	Fage 16.
	2) Show-bill() or Display-bill()
4 Sep	The state of the s
(8.0)	write a java program to create a
· Allan	Write a java program to create a class Account with instance variables:
	1) Account number 2) Name
	2) Name
	3) Balance
	Define four methods:
11260	D Get-data ()
	2) Display ()
	3) Withdraw ()
,	4) Deposit ()
4/sep	
0.9	2 Write a java program to demonstrate
uler	2 Write a java program to demonstrate Single level Inheritance.
4 Sep	Viscita a interpretation for method
<u>Q:10</u>	versiding.
WIGON	o ver and g
11 Sep (1.1	D'Write a java program to count the number of objects.
	number of objects.
11 Seb	
d.12	(reate a class Person with a member
	variable: Name.
Lame I	Save it in a file called Person, java.
	Create a class called imployee that will
	inherit the Person class. The other data
	members of the Employee class are:
Lathier .	1) Annual Salary - double.
-	2) The year the employee started to work
	3.) And the National Insurance Number.
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Your class should have the necessary constructors. Create another class called Test Employee containing the main () method to fully test your class definition. 18 Sep 0:13) Create an abstract class Shape having following abstract methods: 1) Abstract void Draw Triangle (int n); This function will print the following pattern 2) Abstract void Draw Inverted Triangle (int n); This function will print the following Now create a child class DrawPatern which will provide the definition for its parent class. Create a TestPattern class and test the functionality your program 18/Sep 0.14) Write a program to create an interface Circle-Functions with the final instance

and radius

variable as PI

Declare two methods: D (incumperence () 2) Area (). Now create a class circle which implements interface Circle-Functions Now create a Test class and test the functionality of circle 18 Seb Q.15) Create a package PKI. Define the interface II inside package PKI. Interface II has the following methods: 2) boolean palindrome (int num); Save this file in the current working directory with name II. java. Create another package PK2. Import interface Il from PKI in package Now create a child class A which will implement the interface II. Save this file in the current working directory. Now create another package PK3. In this package, define the main class and test the functionality of your program 25 sep 0.16) Write a java program to create an array of 10 elements. Now ask the user to enter 10 elements using Scanner class and calculate the sum

of even elements. If there is not any even element, then paint: "There is no even element in the array!" 25 Seb 0.17) Create an array of 10 elements. Now ask the user to enter 10 elements using Scanner class. Now ask the user to enter element to search in the array. If the required element is found, then print: "The element is found at index.". Otherwise, print: "The element is not found." Create an array and ask the user to enter the elements in the array using Scanner class. Now ask the usea to enter an element to delete from the array. If the required element is found in the array, then after deleting that element, shift the succeeding numbers to the left by one index each. Then print: The number deleted from array Else if the required number is not found in the array, print: "The number is not found in array" 0.19) Ask a user to enter the amount using Scanner class 1) If the amount is less than 500, then throw "Min Amount Exception

2) Else if amount is greater than 10000, then throw "Max Amount Exception". 3) Else print: "Collect your money!". 29 Sep 2.20) write a java program to calculate (Jagged Array). Lagged Array). 0.21) write a java perogram to calculate