

Group Assignment (At least 3 students): 10pts

Deadline: 25/11/2022 at 8h30

N.B: Please provide Name of the Institution

Faculty, Department Then Year of Study, Reg No.

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Q1. Write a program in java and show how a class D as child class can get the properties form super classes A, B, and C

Q2. Write a program in java to show static polymorphism and another program for dynamic polymorphism.

Q3. Write a program in java to execute an abstract class

Q4. Write a program in java to execute the given array:

```
int [] A={ 'b', '5', 'B' }
```

- a. Display the length of the given array
- b. Display b as a small letter
- c. Display 5 as a number
- d. Display B as a capital letter

Q5. Concatenate 3 strings

```
String A1="Hello";
```

```
String S2=S1+"Jean"+"Paul";
```

Q6. Write a program to compare two string for equality and not equality

```
String X1="Good";
```

```
String X2= "GooD";
```

Q7. Write two programs of your choice one for **fileWriter** another one for **fileReader**.

Q8. Write any program of your choice in java to display the current date and time

Q9. Write a program in jdbc and display the following information:

- All students having the same First name
- All students who scored more than 90%
- Students who failed more than 3 subjects out of 7 subjects
- Students who are promoted in upper-class if the pass marks is 60%
- Students who failed and to repeat the year
- N.B: Name of the database: cst
- Name of table: students