



# INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



**Subject:** Computer Science

**Topic:** Classes & Objects

**Lab Worksheet:** 4

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**Date:** \_\_\_\_\_

**Name of the Student :** \_\_\_\_\_

**Class &Div:** XII A

**Roll Number :** \_\_\_\_\_

1. Define a class Employee in C++ with following description:

**Private:**

- Eno(Integer)
- Ename (String)
- Salary (Floating)
- Da, Hra, Net (Floating)

**Public:**

- Enter() –To enter the details of Eno, Ename and Salary
- Cal() – To calculate Net = Salary+ Da (10% sal) + Hra(5% sal) and return the net salary
- Display() – To display all the details

Accept the N employees details from the user and display only those employees whose net is greater than 600.

2. Define a class Garments in c++ with following descriptions.

**private members :**

GCode of type string

GType of type string

Gsize of type integer

Gfabric of type string

Gprice of type float

A function Assign() which calculate and the value of GPrice as follows. For the value of GFabric "COTTON"

GType	GPrice(RS)
TROUSER	1300
SHIRT	1100

For GFabric other than "COTTON", the above mentioned GPrice gets reduced by 10%

**public members:**

- Constructor to assign values of GCode, GType and GFabric with "NOT ALLOTTED" and Gsize and Gprice with 0.
- A function Input () to the values of the data members GCode, GType, Gsize and GFabric and invoke the Assign()
- A function Display () which displays the content of all the data members for a garment.