EXTRA PROGRAMS

Program - 1

```
File Edit Selection Find View Goto Tools Project Preferences Help
                              × Personmain.java ×
           import java.util.Scanner;
                String name;
int age;
Scanner ss = new Scanner(System.in);
                      System.out.println("Enter the NAME : ");
name = ss.next();
System.out.println("Enter the AGE : ");
age = ss.nextInt();
                System.out.println("NAME : "+name);
System.out.println("AGE : "+age);
}
                 int salary;
Scanner ss = new Scanner(System.in);
                      super.accept();
System.out.println("Enter the SALARY : ");
salary = ss.nextInt();
C:\Users\91944\OneDrive\Desktop\OOJLAB\Lab_8\Personmain.java - Sublime Text (UNREGISTERED)
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         {
    super.display();
    System.out.println("SALARY: "+salary);
}
             Solidmain.java × Personmain.java ×
                int fees;
Scanner ss = new Scanner(System.in);
                void accept()
{
                super.accept();
System.out.println("Enter the FEES : ");
fees = ss.nextInt();
}
                    super.display();
System.out.println("FEES : "+fees);
           class Teaching extends Employee
                String subject;
Scanner ss = new Scanner(System.in);
                 void accept()
                     super.accept();
System.out.println("Enter the SUBJECT TAUGHT : ");
subject = ss.next();
File Edit Selection Find View Goto Tools Project Preferences Help
             Solidmain.java × Personmain.java
                void display()
{
                      super.display();
System.out.println("SUBJECT TAUGHT : "+subject);
                String job;
Scanner ss = new Scanner(System.in);
                      super.accept();
System.out.println("Enter the JOB : ");
job = ss.next();
                     super.display();
System.out.println("JOB : "+job);
                int no_of_sub;
Scanner ss = new Scanner(System.in);
                void accept()
{
                      super.accept();
System.out.println("Enter the NUMBER OF SUBJECTS : ");
no_of_sub = ss.nextInt();
```

```
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                                          super.display();
System.out.println("NUMBER OF SUBJECTS : "+no_of_sub);
                                String sub_of_spec;
Scanner ss = new Scanner(System.in);
                                          super.accept();
System.out.println("Enter the SUBJECT OF SPECIALIZATION : ");
sub_of_spec = ss.next();
                                void display()

                                         super.display();
System.out.println("NAME : "+name);
System.out.println("FEES : "+fees);
System.out.println("SUBJECT OF SPECIALIZATION : "+sub_of_spec);
C\Users\91944\OneDrive\Desktop\OO!LAB\Lab_8\Personnain.java - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
                                        System.out.println("\nc----ENTER TEACHING EMPLOYEE DETAILS----->");

Teaching t = new Teaching();

t.accept();

Non_Teaching nt = new Non_Teaching();

nt.accept();

System.out.println("\nc----ENTER NON-TEACHING EMPLOYEE DETAILS---->");

Non_Teaching nt = new Non_Teaching();

nt.accept();

System.out.println("\nc-----ENTER UG STUDENT DETAILS---->");

Ug u = new Ug();

u.accept();

System.out.println("\nc-----ENTER PG STUDENT DETAILS---->");

Pg p = new Pg();

p.accept();
                                         System.out.println("\n\n<----DETAILS OF TEACHING EMPLOYEE----->");
t.display();
System.out.println("\n<----DETAILS OF NON-TEACHING EMPLOYEE---->");
nt.display();
System.out.println("\n<----DETAILS OF UG STUDENT---->");
u.display();
y.display();
```

OUTPUT:

```
C:\Users\91944\OneDrive\Desktop\OOJLAB\Lab_8>java Personmain
<---->
Enter the NAME :
aaa
Enter the AGE :
40
Enter the SALARY :
25000
Enter the SUBJECT TAUGHT :
<---->
Enter the NAME :
bbb
Enter the AGE :
35
Enter the SALARY :
Enter the JOB :
Maths
<-----ENTER UG STUDENT DETAILS---->
Enter the NAME :
ccc
Enter the AGE :
20
Enter the FEES :
Enter the NUMBER OF SUBJECTS :
<---->
Enter the NAME :
Enter the AGE :
25
Enter the FEES :
150000
Enter the SUBJECT OF SPECIALIZATION :
```

```
Command Prompt
Astrophysics
<---->
NAME : aaa
AGE : 40
SALARY : 25000
SUBJECT TAUGHT : OOJ
<---->
NAME : bbb
AGE : 35
SALARY : 30000
JOB : Maths
<---->
NAME : ccc
AGE : 20
FEES : 80000
NUMBER OF SUBJECTS : 8
<---->
NAME : ddd
AGE : 25
FEES : 150000
NAME : ddd
FEES : 150000
SUBJECT OF SPECIALIZATION : Astrophysics
C:\Users\91944\OneDrive\Desktop\OOJLAB\Lab_8>
```

PROGRAM - 2

INPUT:

OUTPUT:

```
Command Prompt
C:\Users\91944\OneDrive\Desktop\OOJLAB\Lab_8>java Solidmain
----CYLINDER DETAILS----
Enter the RADIUS :
Enter the HEIGHT :
5
SURFACE AREA 150.857 sq. units
VOLUME 141.429 cube units
<---->
----CONE DETAILS-----
Enter the RADIUS :
Enter the HEIGHT :
SURFACE AREA 83.263 sq. units
VOLUME 47.143 cube units
<----->
----SPHERE DETAILS-----
Enter the RADIUS :
SURFACE AREA 50.286 sq. units
VOLUME 33.524 cube units
```