**Code:**

import java.util.Scanner;

class Staff {

String staff, name, phone, salary;

Scanner input = new Scanner(System.*in*);

void read()

{

System.*out*.println("Enter StaffID");

staffID = input.next();

name = input.next();

phone = input.next();

salary = input. next();

}

void display()

{

System.*out*.print(staffID+"\t"+name+"\t"+phone+"\t"+salary+"\t");

}

}

class Teaching extends Staff {

String domain, publication;

void read()

{

super.read(); // call super class read method

System.*out*.println("Enter Domain");

domain = input.next();

System.*out*.println("Enter Publication");

publication = input.next();

}

void display() {

super.display(); // call super class display() method

System.*out*.println(domain+"\t"+publication);

}

}

class Technical extends Staff {

String Skills;

void read()

{

super.read(); // call super class read method

System.*out*.println("Enter Skills");

Skills = input.next();

}

void display()

{

super.display(); // call super class display() method

System.*out*.println(Skills);

}

}

class Contract extends Staff

{

String period;

void read()

{

super.read(); // call super class read method

System.*out*.println("Enter Period");

period = input.next();

}

@Override

void display() {

super.display(); // call super class display() method

System.*out*.println(period);

}

}

public class StaffDemo

{

public static void main(String[] args)

{

Scanner input = new Scanner(System.*in*);

System.*out*.println("Enter number of staff details to be created");

int n = input.nextInt();

Teaching ts[] = new Teaching[n];

Technical tech[] = new Technical[n];

Contract c[] = new Contract[n];

// Read Staff information under 3 categories

for (int i = 0; i < n; i++)

{

System.*out*.println("Enter Teaching staff information");

ts[i] = new Teaching();

ts[i].read();

}

for (int i = 0; i < n; i++) {

System.*out*.println("Enter Technical staff information");

tech[i] = new Technical();

tech[i].read();

}

for (int i = 0; i < n; i++) {

System.*out*.println("Enter Contract staff information");

c[i] = new Contract();

c[i].read();

}

// Display Staff Information

System.*out*.println("\n STAFF DETAILS: \n");

System.*out*.println("-----TEACHING STAFF DETAILS----- ");

for (int i = 0; i < n; i++)

ts[i].display();

System.*out*.println("-----TECHNICAL STAFF DETAILS-----");

for (int i = 0; i < n; i++)

tech[i].display();

System.*out*.println("-----CONTRACT STAFF DETAILS-----");

for (int i = 0; i < n; i++)

c[i].display();

}

}