ABSTRACTION :

Showing only the essential details to the user.

package JAVA\_CONCEPTS;

import java.util.Scanner;

abstract class ApplicationForm {

protected String name;

protected String email;

protected String phone;

public void setName(String name) {

this.name = name;

}

public String getName() {

return name;

}

public void setEmail(String email) {

this.email = email;

}

public String getEmail() {

return email;

}

public void setPhone(String phone) {

this.phone = phone;

}

public String getPhone() {

return phone;

}

public abstract void displayDetails();

}

class JobApplicationForm extends ApplicationForm {

private String position;

public void setPosition(String position) {

this.position = position;

}

public String getPosition() {

return position;

}

public void displayDetails() {

System.out.println("Applicant Name: " + getName());

System.out.println("Applicant Email: " + getEmail());

System.out.println("Applicant Phone: " + getPhone());

System.out.println("Position Applied: " + getPosition());

}

}

public class AbstractionExample {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter Applicant Name: ");

String name = scanner.nextLine();

System.out.print("Enter Applicant Email: ");

String email = scanner.nextLine();

System.out.print("Enter Applicant Phone: ");

String phone = scanner.nextLine();

System.out.print("Enter Position Applied: ");

String position = scanner.nextLine();

JobApplicationForm jobForm = new JobApplicationForm();

jobForm.setName(name);

jobForm.setEmail(email);

jobForm.setPhone(phone);

jobForm.setPosition(position);

jobForm.displayDetails();

scanner.close();

}

}

OUTPUT:

