class EventResistration{

String name,nameOfEvent;

double resistFee;

EventResistration(String name,String nameOfEvent){

this.name=name;

this.nameOfEvent=nameOfEvent;

}

void resisterEvent(){

System.out.println("Your Resistration fees: "+ resistFee);

}

}

class SingleEventResister extends EventResistration{

int ParticipantNo;

SingleEventResister(String name,String nameOfEvent,int ParticipantNo){

super(name, nameOfEvent);

this.ParticipantNo=ParticipantNo;

}

void resisterEvent(){

if(nameOfEvent.equals("ShakeALeg")){

resistFee=100;

}

if(nameOfEvent.equals("Sing&Win")){

resistFee=150;

}

if(nameOfEvent.equals("PlayAway")){

resistFee=130;

}

super.resisterEvent();

}

}

class TeamEventResistration extends EventResistration{

int noOfParticipant,teamNo;

TeamEventResistration(String name,String nameOfEvent,int noOfParticipant,int teamNo){

super(name, nameOfEvent);

this.noOfParticipant=noOfParticipant;

this.teamNo=teamNo;

}

void resisterEvent(){

if(nameOfEvent.equals("ShakeALeg")){

resistFee=50\*noOfParticipant;

}

if(nameOfEvent.equals("Sing&Win")){

resistFee=60\*noOfParticipant;

}

if(nameOfEvent.equals("PlayAway")){

resistFee=100\*noOfParticipant;

}

if(nameOfEvent.equals("Actathon")){

resistFee=80\*noOfParticipant;

}

super.resisterEvent();

}

}

public class OverrideAndSuper {

public static void main(String[] args) {

SingleEventResister s1=new SingleEventResister("jenny", "Sing&Win", 1);

s1.resisterEvent();

System.out.println("You are participant no: "+ s1.ParticipantNo);

TeamEventResistration t1=new TeamEventResistration("Aura", "ShakeALeg", 5, 1);

t1.resisterEvent();

System.out.println("You are participant no: "+ s1.ParticipantNo);

}

}

/\* output

PS C:\Users\bhoir\OneDrive\Desktop\Info\_> javac OverrideAndSuper.java

PS C:\Users\bhoir\OneDrive\Desktop\Info\_> java OverrideAndSuper

Your Resistration fees: 150.0

You are participant no: 1

Your Resistration fees: 250.0

You are participant no: 1

\*/