# 5100

Professor

Data:

Name

TeachingExperience

workingExperience

courses

Email

Behaviors:

Teach()

introduceTA()

guidesStudents()

Number getStudentsFromChinaCount(){

Student a,b,c,d,e,f;

Int count-0;

If(a.areYouFromChina()){

Count=Count+1;

}

If(b.areYouFromChina()){

Count++;

}

..

Number number;

Number.number=count;

Return number;

}

Int getStudentsFromIndiaCount(){

Student s[60];

Student snehal;

Student fancy’

S[0]=ryan;

S[1]=yali;

Int count=0;

If(s[0].areYouFromIndia()){

Count++;

For(int index=0;index<60;index++){

Print(“start”);

Print(“next”);

If(s[index].areYouFromIndia(){

Count++;

}

else{

print(“Not from India”)

}

Return count;

}

}

Student:

Information:

Name name

Qualification qualification

RollNumber nuid

Grade grade

Country country

Courses enrolledCourses

Address address

Programming skills

Behaviors:

Grade getGrade(){

Grade A, B, C, No;

If(gpa>3){

Return A

If(gpa>2){

Return B;

}

Return No;

AreYouFromChina(){

If Country is “china” then

Return yes

Else

Return no

}

Learn()

Book writeName(book b, Pen p)

GreetingRespnse

--Program to start a class room--

Professor siva

Student yuyang, sahiti, snehal, fancy

TA terry, divya

Classroom neu402

Projector rightProjector, leftProjector

Screen leftScreen, rightScreen

Laptop sivaLaptop

If(neuMicrophone.isNotWorking(){

HelpDesk hd;

Batteries b=hd.getMeBatteries();

If(b==null){

Sive.speaklouder（）；

}

Else{

neuMicrophone..repaceBatteries(b);

}

}

Microphone neuMicrophone

StartAJavaClass(){

Siva.stepIntoClass()

Yuyang.sitInClass()

..

Siva.greetStudents()

Siva.takeAttendance()

Siva.introduceTA(divya,terry)

Divya.greetStudents()

Laptop.sentInformationOverInternet()

neuMicrophone.amplifyLecture()

Yuyang.listen()

Siva.teach()

Yuyang.listenToProfessor()

Siva.askQuestion()

Question programmingQuestion-siva.askQuestion()

Answer answer=snehal.answerQuestion(programmingQuestion)

Siva.provideFeedbackToAnswer(answer)

Siva.teachConcepts()

Siva.provideCourseDEtails()

Siva.thanksStudent()