

## JAVA PROJECT

Name:Md.tanjeed islam

Id:18-38786-3

Name: Sholaiman khan shitol

Id:18-38778-3

Sec : U

## School Management System

teacher:

```
package schoolmanagement;
```

```
public class Teacher extends Person{
```

```
    Teacher() {
```

```
}
```

```
@Override
```

```
void display11(){
```

```
    System.out.println("Married");
```

```
}
```

```
String name,gender;
```

```
int id,age;
```

```
Teacher(String n,String g,int i,int a){
```

```
    name=n;
```

```
    gender=g;
```

```
    id=i;
```

```
    age=a;
```

```
}
```

```
void display (){
```

```
System.out.println("Teacher name:"+name);
```

```
System.out.println("Teacher gender:"+gender);
```

```
    System.out.println("Teacher id:"+id);
```

```
System.out.println("Teacher age:"+age);
```

```
    System.out.println("\n");
```

```
}
```

```
}
```

```
main:
```

```
package schoolmanagement;
```

```
import java.io.FileNotFoundException;
```

```
import java.util.Formatter;
```

```
import java.util.Scanner;
```

```
public class Main {
```

```
public static void main(String[] args) {  
  
    try{  
        Formatter formatter=new Formatter("C:/Users/User/Downloads");  
    }catch(FileNotFoundException e){  
        System.out.println(e);  
    }  
}
```

```
Person p =new Person();
```

```
Teacher t=new Teacher();
```

```
Teacher t1=new Teacher("shahil", "male",101,20);  
Teacher t2=new Teacher("sahil", "male",102,20);  
Scanner input=new Scanner(System.in);  
int num,pass;  
System.out.println("enter teacher id :");  
System.out.println("enter teacher password:\n");  
num=input.nextInt();  
pass=input.nextInt();
```

```
if(pass==000)
{
    System.out.println("welcome\n");
}
```

```
if (num==101) {

    t1.display();
    p.display11();
}

else if(num==102){
    t2.display();
    t.display11();
}
```

```
Student s1=new Student("shahil","male",1,20);
    Student s2=new Student("shitol","male",2,20);
    Scanner input1=new Scanner(System.in);

    int num1;

    System.out.println("enter student id :");
num1=input1.nextInt();
    if(num1==1){
        s1.display1();
    }
```

```

else if(num1==2) {

    s2.display1();

}

Admission a;
a=new Student();

Student i=new Student("java","algo","database",2.7);
    Student i1=new Student("math","bangla","english",3.5);
Test E1 =new Test();
    E1.setname2("md rafiqul islam");
    E1.setname3("md saiful islam");
Scanner input2=new Scanner(System.in);
int num2;
    System.out.println("enter student id:");
    num2=input2.nextInt();

    if(num1==1){
        System.out.println("Father's Name :"+E1.getname3());
        i.displayInfo();
        a.sendMessage();
    }
else if(num1==2) {

    System.out.println("Father's Name :"+E1.getname2());
        i1.displayInfo();
        a.sendMessage1();
    }
}

```

```
}
```

```
private static class Payment {
```

```
    public Payment() {
```

```
    }
```

```
}
```

```
}
```

student:

```
package schoolmanagement;
```

```
public class Student extends Admission {
```

```
    String name1,gender1;
```

```
    int id1,age1;
```

```
    Student() {
```

```
        //To change body of generated methods, choose Tools | Templates.
```

```
}
```

```
@Override
```

```
void sendMessage(){
```

```
    System.out.println("your payment is clear ");
```

```
}
```

```
@Override
```

```
void sendMessage1(){
```

```
    System.out.println("your payment is not clear");
```

```
}
```

```
Student(String n ,String g,int i,int a){
```

```
    name1=n;
```

```
    gender1=g;
```

```
    id1=i;
```

```
    age1=a;
```

```
}
```

```
Student(String c1,String c2, String c3,double cg){
```

```
    course1=c1;
```

```
    course2=c2;
```

```
    course3=c3;
```

```
    cgpa=cg;
```

```
}
```

```
void display1 (){
```

```
System.out.println("Student name:"+name1);  
System.out.println("Student gender:"+gender1);  
    System.out.println("Student id:"+id1);  
System.out.println("Student age:"+age1);  
    System.out.println("\n");
```

```
}
```

```
void displayInfo(){  
    System.out.println("Course 1:"+course1);  
System.out.println("Course 2:"+course2);  
    System.out.println("Course 3:"+course3);  
System.out.println("CGPA :"+cgpa);  
    System.out.println("\n");
```

```
}
```

```
}
```

test:

```
package schoolmanagement;
```

```
public class Test {
```

```
    private String name2,name3;
```



```
public void setname2(String name2){  
    this.name2 =name2;
```

```
}
```

```
public String getname2(){
```

```
    return name2;
```

```
}
```

```
public void setname3(String name3){
```

```
    this.name3 =name3;
```

```
}
```

```
public String getname3(){
```

```
    return name3;
```

```
}
```

```
}
```

admission:

```
package schoolmanagement;
```

```
public abstract class Admission {  
    String course1;  
    String course2;  
    String course3;  
    double cgpa;  
  
    abstract void sendMessage();  
    abstract void sendMessage1();  
}
```

person:

```
package schoolmanagement;
```

```
public class Person{  
    void display11(){  
        System.out.println("Unmarried");  
    }  
}
```

}

