

CA 1 – AOP LAB

NAME –SAPTARSHI CHATTERJEE

ROLL=B62

TOPIC: SEMINAR FILL UP FORM

ASPECT-

aspect Aspect

```
{  
  
    pointcut p0():call(void Seminar.submit_concert(..));  
  
    pointcut p1():call(void Seminar.change_type(..));  
  
    pointcut p2():call(void Seminar.deny_concert(..));  
  
    pointcut p3():call(void Seminar.show_details());  
  
    before():p0()  
  
    {  
  
        System.out.println("Input");  
  
    }  
  
    before():p1()  
  
    {  
  
        System.out.println("Change concert");  
  
    }  
  
    before():p2()  
  
    {  
  
        System.out.println("Deny Concert");  
  
    }  
  
    after():p2()  
  
    {  
  
        System.out.println("Concert Denied");  
  
    }  
}
```

```
    }  
    before():p3()  
    {  
        System.out.println("Show Details");  
    }  
}
```

CLASS-

class Seminar

```
{  
    private String sname;  
    private String sid;  
    private String stype;  
    public void submit_concert(String name,String ID,String type)  
    {  
        sname=name;  
        sid=ID;  
        stype=type;  
    }  
    public void change_type(String type)  
    {  
        stype=type;  
    }  
    public void deny_concert(String ID )
```

```
{  
    sid=ID;  
    stype="Cancelled";  
}  
public void show_details()  
{  
    System.out.println("Name :"+sname);  
    System.out.println("Seminar ID :"+sid);  
    System.out.println("Type :"+stype);  
}  
}  
public class Main  
{  
    public static void main(String args[])  
    {  
        Seminar sem=new Seminar();  
        sem.submit_concert("SAPTARSHI","11906426","Audience");  
        sem.change_type("Presentor");  
        sem.deny_concert("11906426");  
        sem.show_details();  
    }  
}
```

```
D:\AOP>java Main
Input
Change concert
Deny Concert
Concert Denied
Show Details
Name :Saptarishi
Seminar ID :11906426
Type :Cancelled

D:\AOP>
```