```java
import java.util.*;
class Insurance_policy
{
    int policy_holder_id;
    String Name;
    String Address;
    int age;
    Scanner sc=new Scanner(System.in);
    void getdetails()
    {
        System.out.print("enter policy holder id: ");
        policy_holder_id=sc.nextInt();
        System.out.print("enter name:\n");
        Name=sc.next();
        System.out.print("enter Address:\n");
        Address=sc.next();
        System.out.print("enter age: ");
        age=sc.nextInt();
    }
    void display()
    {
        System.out.println("policy holder id: "+policy_holder_id);
        System.out.println("Name: "+Name);
        System.out.println("Address: "+Address);
        System.out.println("age:"+age);
    }
}
class vehicle extends Insurance_policy
{
    String model;
    int yearofmant;
    int policytype;
    void getdetails(){
    super.getdetails();
```
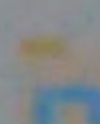
```java
class vehicle extends Insurance_policy
{
    String model;
    int yearofmant;
    int policytype;
    void getdetails(){
    super.getdetails();
    System.out.print("enter model:\n");
    model=sc.next();
    System.out.print("enter year of manufacture: \n");
    yearofmant=sc.nextInt();
    System.out.print("enter policy type: \n ");
    policytype=sc.nextInt();
    }
}
class health extends Insurance_policy
{
    int policytype;
    void getdetail(){
    super.getdetails();
    System.out.println("enter policy type: ");
    policytype=sc.nextInt();
    }
}
public class testn{
    public static void main(String args[]){
        Scanner sc=new Scanner(System.in);
        int i,j,m,n;
        System.out.print("Enter no of vechile policy");
        m=sc.nextInt();
        vehicle[] v = new vehicle[m];
        System.out.print("Enter no of health policy");
        n=sc.nextInt();
        health[] h = new health[n];
```

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int i,j,m,n;
System.out.print("Enter no of vechile policy");
 m=sc.nextInt();
vehicle[] v = new vehicle[m];
System.out.print("Enter no of health policy");
 n=sc.nextInt();
health[] h = new health[n];

for(i = 0;i < m;i++)
{
    System.out.println("Enter details of Vechile policy "+(i+1));
    v[i] = new vehicle();
    v[i].getdetails();
}
for(i = 0;i < n;i++)
{
    System.out.println("Enter details of health policy "+(i+1));
    h[i] = new health();
    h[i].getdetails();
}
System.out.println("Vechile policy holder details:");
for(i = 0;i < m;i++)
{
    v[i].display();
}
System.out.println("Health policy holder details:");
for(i = 0;i < n;i++)
{
    h[i].display();
}

int count=0;
System.out.println("Name of people who have both health and vechile policy:");
for(i = 0;i<m;i++)
```
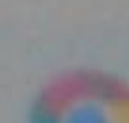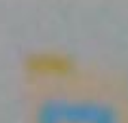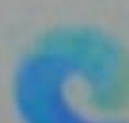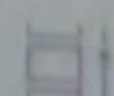
```java
            v[i].getdetails();
        }
        for(i = 0;i < n;i++)
        {
            System.out.println("Enter details of health policy "+(i+1));
            h[i] = new health();
            h[i].getdetails();
        }
        System.out.println("Vechile policy holder details:");
        for(i = 0;i < m;i++)
        {
            v[i].display();
        }
        System.out.println("Health policy holder details:");
        for(i = 0;i < n;i++)
        {
            h[i].display();
        }

        int count=0;
        System.out.println("Name of people who have both health and vechile policy:");
        for(i = 0;i<m;i++)
            for(j=0;j<n;j++)
            {
                if(v[i].policy_holder_id == h[j].policy_holder_id)
                {
                    System.out.println(v[i].Name);
                    count++;
                }
            }
        System.out.println("Number of people who have both health and vechile policy:"+count);
```