```
public class PrintValues{
        private int x,y,z;
        public void printX(int a){
                if (a==0) System.out.println("x is not initialized");
                else System.out.println(x=a);
        }
        public void printY(int a){
                if (a==0) System.out.println("y is not initialized");
                else System.out.println(y=a);
        }
        public void printXZ(int a,int b){
                printX(a);
                if (b==0) System.out.println("z is not initialized");
                else System.out.println(z=a);
        }
        public void printYZ(int a,int b){
                printY(a);
                if (b==0) System.out.println("z is not initialized");
                else System.out.println(z=a);
        }
        public void printXZY(int a,int b,int c){
                printXZ(a,b);
                printY(c);
        }
}
```

including Transitive Interactions

	x	y	z
printX	1	0	0
printY	0	1	0
printXZ	1	0	1
printYZ	0	1	1
printXZY	1	1	1

matrix has rows indexed by the methods and columns indexed by the a
so for $1 \leq i \leq k$, $1 \leq j \leq l$,

$$m_{ij} = \begin{cases} 1 & \text{if } i\text{th method references } j\text{th attribute,} \\ 0 & \text{otherwise} \end{cases}$$

The information required to construct this matrix is obtained by analyzi