Problem statement: write a program in java to implement access modifiers

```java
package modifys;
public class Modifys {
    private int a= 10;
    protected int b= 20;
    public int c  = 30;
    int defaulf=100;
private void privateMethod() {
 System.out.println("private method.");
    }
 protected void protectedMethod() {
     System.out.println(" protected method.");
    }
 public void publicMethod() {
     System.out.println(" public method.");
    }
    void defaultMethod() {
         System.out.println("default method");   }
 public static void main(String[] args) {
     Modifys obj = new Modifys();

    //  obj.a = 50;
     // obj.privateMethod();
      obj.b = 60;
     obj.protectedMethod();
     obj.c = 70;
     obj.publicMethod();
     obj.defaulf=1000;
     obj.defaultMethod();
}
}
```

Output: