```java
package com.tnsif.packagesandaccessmodifiers;

public class AccessModifiersExample {

 //public - it can be accessed by anyone or anywhere
 //private - it can be accessed by particular
 //protected - it can be accessed with limit
 //default -

 public int publicVar = 10;
 private int privateVar = 20;
 protected int protectedVar = 30;
 int defaultVar = 40;

 public void show() {


  System.out.println("Public Variable: " + publicVar);
  System.out.println("Private Variable: " + privateVar);
  System.out.println("Protected Variable: " +
protectedVar);
  System.out.println("Default Variable: " + defaultVar);
 }


 public static void main(String[] args) {

  AccessModifiersExample ame = new
AccessModifiersExample();
  ame.show();
 }

}
```