```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();
  }

}
```