|  |
| --- |
| [TestMethod]  public void TestArraySort1()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 3, 2, 4, 1 };  // #### ACT ####  arrayHelper.Sort(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 1, 2, 3, 4 }, thisIntArray);  }  [TestMethod]  public void TestArraySort2()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 3, 2, 4, 1, 17, 3 };  // #### ACT ####  arrayHelper.Sort(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 1, 2, 3, 3, 4, 17 }, thisIntArray);  }  [TestMethod]  public void TestArraySort3()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 5, 2, 1, 5, 3, 4, 3 };  // #### ACT ####  arrayHelper.Sort(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 1, 2, 3, 3, 4, 5, 5 }, thisIntArray);  }  [TestMethod]  public void TestArraySort4()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 1, 1, 3, 1, 2, 1, 3, 3, 3, 3, 1, 3, 4, 5, 4, 3, 7, 5, 4, 9, 1, 2 };  // #### ACT ####  arrayHelper.Sort(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 1, 1, 1, 1, 1, 1, 2, 2, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 5, 5, 7, 9 }, thisIntArray);  }  [TestMethod]  public void TestArrayReverse1()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 3, 2, 4, 1 };  // #### ACT ####  arrayHelper.Reverse(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 4, 3, 2, 1 }, thisIntArray);  }  [TestMethod]  public void TestArrayReverse2()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 3, 2, 4, 1, 17, 3 };  // #### ACT ####  arrayHelper.Reverse(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 17, 4, 3, 3, 2, 1 }, thisIntArray);  }  [TestMethod]  public void TestArrayReverse3()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 5, 2, 1, 5, 3, 4, 3 };  // #### ACT ####  arrayHelper.Reverse(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 5, 5, 4, 3, 3, 2, 1 }, thisIntArray);  }  [TestMethod]  public void TestArrayReverse4()  {  // #### ARRANGE ####  IntArrayHelper arrayHelper = new IntArrayHelper();  int[] thisIntArray = { 11, 1, 3, 1, 2, 1, 3, 3, 3, 3, 1, 3, 4, 5, 4, 3, 7, 5, 4, 9, 1, 2 };  // #### ACT ####  arrayHelper.Reverse(thisIntArray);  // #### ASSERT ####  CollectionAssert.AreEqual(new int[] { 11, 9, 7, 5, 5, 4, 4, 4, 3, 3, 3, 3, 3, 3, 3, 2, 2, 1, 1, 1, 1, 1 }, thisIntArray);  } |