namespace JoshysJukebox

{

internal class Program

{

static void Main(string[] args)

{

string[] arrayAlbums ={ "Master Of Puppets by Metallica",

"Paranoid by Black Sabbath",

"Reign in Blood by Slayer",

"Ride the Lightning by Metallica",

"Powerslave by Iron Maiden",

"Rust In Peace by Megadeath",

"Britsh Steel by Judas Priest",

"The Number of the Beast by Iron Maiden",

"Ace of Spades by Motorhead",

"Holy Diver by Dio"};

// List<string> listAlbums = new List<string> { "A", "B", "C", "D" };

// Console.WriteLine("Unshuffled list:");

// Console.WriteLine(string.Join(",",listAlbums));

// shuffle();

// Console.WriteLine("Shuffled list:");

// Console.WriteLine(string.Join(",", listAlbums));

int shuffled = 0;

Console.WriteLine("This is the unshuffled contents of the Array:\n{0}", string.Join("\n", arrayAlbums));

arrayShuffle();

Console.WriteLine($"SHuffled?{shuffled}");

Console.WriteLine();

Console.WriteLine("This is the shuffled contents of the Array:\n{0}", string.Join("\n", arrayAlbums)); ;

arrayShuffle();

Console.WriteLine($"SHuffled?{shuffled}");

//int nShuffled = albums.Count() - 1;

//Console.WriteLine("This is the unshuffled contents of the Array:\n[{0}]", string.Join("\n", albums));

// void shuffle()

// {

// int lastIndex = listAlbums.Count() - 1;

// while (lastIndex > 0)

// {

// string tempValue = listAlbums[lastIndex];

// int randomIndex = new Random().Next(0, lastIndex);

// listAlbums[lastIndex] = listAlbums[randomIndex];

// listAlbums[randomIndex] = tempValue;

// lastIndex--;

// }

void arrayShuffle()

{

int lastIndex = arrayAlbums.Count() - 1;

while (lastIndex > 0)

{

string tempValue = arrayAlbums[lastIndex];

int randomIndex = new Random().Next(0, lastIndex);

arrayAlbums[lastIndex] = arrayAlbums[randomIndex];

arrayAlbums[randomIndex] = tempValue;

lastIndex--;

shuffled = 1;

}

}

// shuffle();

// Console.WriteLine("This is the shuffled contents of the array\n[{}]", string.Join("\n",listAlbums));

/\*

Console.WriteLine("\t Welcome to Joshy's Jukebox: Choose a new Album for Joshy to listen to\n");

Console.ReadLine();

// if (shuffled == 0)

// {

// shuffle();

// Console.WriteLine("The collection has been shuffled");

// }

// else

Console.WriteLine($"\nThe album to listen to today is {albums[nShuffled]}");

\*/

Console.Read();

}

}

}