using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace marvel\_movies

{

class Program

{

static void Main(string[] args)

{

Dictionary<string, int> marvelmovies = new Dictionary<string, int>()

{

{ "Iron Man", 2008},

{ "Iron Man 2", 2010},

{ "Captain America: The First Avenger", 2011},

{ "Thor", 2011},

{ "Avengers Assemble", 2012},

{ "Iron Man 3", 2013},

{ "Thor: The Dark World", 2014},

{ "Captain America: The Winter Soldier", 2014},

{ "Guardians of the Galaxy", 2014},

{ "Avengers: Age of Ultron", 2015},

{ "Ant-Man", 2015},

{ "Civil War", 2016},

{ "Doctor Strange", 2016},

{ "Guardians of the Galaxy Vol 2.", 2014},

{ "Spiderman: Homecoming", 2017},

{ "Thor: Ragnarok", 2017},

{ "Black Panther", 2018},

{ "Avengers: Infinity War", 2018},

{ "Ant-Man & The Wasp", 2018},

{ "Captain Marvel", 2019}

};

foreach (KeyValuePair<string, int> movieinfo in marvelmovies)

{

Console.WriteLine("Movie: {0}, Year: {1}", movieinfo.Key, movieinfo.Value);

}

Console.WriteLine("Do you want to do one of the following: Add, Remove, List, Search or Exit");

string input = Convert.ToString(Console.ReadLine());

do

{

switch (input)

{

case "Add":

AddNewMovie(marvelmovies);

break;

case "Remove":

RemoveMovie(marvelmovies);

break;

case "List":

int totalMovies = marvelmovies.Count();

Console.WriteLine(marvelmovies);

break;

case "Search":

SearchMovie(marvelmovies);

break;

}

if (input != "Exit")

{

Console.WriteLine("Please make another selection: ");

input = Convert.ToString(Console.ReadLine());

}

}

while (input != "Exit");

}

static void SearchMovie(Dictionary<string, int> marvelmovies)

{

Console.WriteLine("Type the name of the movie that you want to look up:");

string answer = Console.ReadLine();

if (marvelmovies.ContainsKey(answer))

{

Console.WriteLine(answer + " is listed.");

}

else

{

Console.WriteLine(answer + " isn't listed.");

}

}

static void AddNewMovie(Dictionary<string, int> marvelmovies)

{

Console.WriteLine("Enter the name of the new movie");

string NewMovie = Console.ReadLine();

Console.WriteLine("Enter the year the movie is released");

int Year = Console.Read();

marvelmovies.Add(NewMovie, Year);

}

static void RemoveMovie(Dictionary<string, int> marvelmovies)

{

Console.WriteLine("Enter the name of the movie you want to remove");

}

}

}