using System;

using System.Collections;

using System.Collections.Generic;

using System.IO;

using System.Linq;

using System.Runtime.Serialization.Formatters.Binary;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication11

{

class Employee

{

public int id { get; set; }

public string FName { get; set; }

public string LName { get; set; }

public override string ToString()

{

return FName + " " + LName + " ";

}

}

class Program

{

static void Main(string[] args)

{

Employee emp = new Employee();

emp.id = 1;

emp.FName = "murahari";

emp.LName = "jeevitha";

Console.WriteLine(emp.ToString());

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

struct MyStruct

{

public string name;

public int id;

}

class Program

{

static void Main(string[] args)

{

MyStruct ms = new MyStruct();

ms.name = "jeevi";

ms.id = 144299;

Console.WriteLine("{0}\_{1}",ms.name,ms.id);

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

struct MyStruct

{

public string name;

public int id;

public int GetId()

{

return id;

}

}

class Program

{

static void Main(string[] args)

{

MyStruct ms = new MyStruct();

ms.name = "jeevi";

ms.id = 144299;

Console.WriteLine("{0}\_{1}",ms.name,ms.id);

Console.WriteLine(ms.GetId());

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

struct MyStruct

{

public string name;

public int id;

public int Age { get; set; }

public int GetId()

{

return id;

}

}

class Program

{

static void Main(string[] args)

{

MyStruct ms = new MyStruct();

ms.name = "jeevi";

ms.id = 144299;

ms.Age = 56;

Console.WriteLine("{0}\_{1}",ms.name,ms.id);

Console.WriteLine(ms.GetId());

Console.WriteLine(ms.Age);

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

interface IMaths

{

int Add(int a, int b);

}

interface IScience

{

string Benzene();

}

class Subjects : IMaths, IScience

{

public int Add(int a, int b)

{

return a + b;

}

public string Benzene()

{

return "C6H6";

}

}

class Program

{

static void Main(string[] args)

{

Subjects obj = new Subjects();

Console.WriteLine(obj.Benzene());

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

class Program

{

static void Main(string[] args)

{

Employee obj = new Employee();

obj.id = 1;

obj.name = "jevi";

obj.salary = 9000;

obj.email = "jeevi@gmail.com";

Console.WriteLine(obj.id);

Console.WriteLine(obj.name);

Console.WriteLine(obj.salary);

Console.WriteLine(obj.email);

Console.ReadLine();

}

}

}

////////////////////

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

partial class Employee

{

public int id;

public string name;

public int salary;

}

}

/////////////////

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

partial class Employee

{

public string email;

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication12

{

class Program

{

static void Main(string[] args)

{

int number, i, k, count = 1;

Console.Write("Enter number of rows\n");

number = int.Parse(Console.ReadLine());

count = number - 1;

for (k = 1; k <= number; k++)

{

for (i = 1; i <= count; i++)

Console.Write(" ");

count--;

for (i = 1; i <= 2 \* k - 1; i++)

Console.Write("\*");

Console.WriteLine();

}

count = 1;

for (k = 1; k <= number - 1; k++)

{

for (i = 1; i <= count; i++)

Console.Write(" ");

count++;

}

Console.ReadLine();

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication13

{

class Product

{

public int id;

public string name;

public int price;

}

class Program

{

static void Main(string[] args)

{

List<Product> products = new List<Product>();

MainMenu(ref products);

}

public static void MainMenu(ref List<Product> products)

{

int ans;

Console.Clear();

DecorationLine();

Console.WriteLine("1.ADD PRODUCTS");

Console.WriteLine("2.SEARCH PRODUCTS");

DecorationLine();

Console.WriteLine("Enter your choice: ");

ans = int.Parse(Console.ReadLine());

DecorationLine();

if (ans == 1)

AddProduct(ref products);

if (ans == 2)

SearchProduct(ref products);

Console.ReadLine();

MainMenu(ref products);

}

public static void DecorationLine()

{

Console.BackgroundColor=ConsoleColor.Red;

Console.WriteLine("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Console.ResetColor();

}

public static void AddProduct(ref List<Product> products)

{

Console.Clear();

int id, price;

string name;

DecorationLine();

Console.WriteLine("Enter id : ");

id = int.Parse(Console.ReadLine());

Console.WriteLine("Enter name : ");

name = Console.ReadLine();

Console.WriteLine("Enter price : ");

price = int.Parse(Console.ReadLine());

products.Add(new Product { id=id,name=name,price=price});

Console.WriteLine("Product added successfully");

Console.WriteLine("Go to main menu");

Console.ReadLine();

MainMenu(ref products);

}

public static void SearchProduct(ref List<Product> products)

{

Console.Clear();

int id;

DecorationLine();

Console.WriteLine("Enter id : ");

id = int.Parse(Console.ReadLine());

if(products.Where(p=>p.id==id).ToList().Count>0 )

{

var result = from p in products

where p.id == id

select p;

Console.WriteLine("{0},{1},{2}", result.First().name, result.First().id, result.First().price);

}

else

{

Console.WriteLine("Product not available");

}

Console.WriteLine("Go to main menu");

Console.ReadLine();

MainMenu(ref products);

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication14

{

class Program

{

static void Main(string[] args)

{

int i, j, k, l,inp;

Console.WriteLine("Enter input");

inp = int.Parse(Console.ReadLine());

for(i=1;i<=inp;i++)

{

Console.Write("{0} ", i);

k = inp - 1;

l = i;

for(j=2;j<=i;j++)

{

l = l + k;

Console.Write("{0} ", l);

k--;

}

Console.WriteLine();

}

Console.ReadLine();

}

}

}