SIMPLE PROGRAM USING SWITCH CASE

using System;

class HelloWorld {

static void Main() {

int ch,qty=0,price=0;

Console.WriteLine("1 IDLI (35)");

Console.WriteLine("2 DOSA (50)");

Console.WriteLine("3 PARATHA (45)");

Console.WriteLine("4 UPMA (20)");

Console.WriteLine("5 TEA/COFFEE (10)");

Console.Write("ENTER CHOICE = ");

ch = Convert.ToInt32(Console.ReadLine());

if(ch>=1 && ch<=5)

{

Console.Write("ENTER THE QUANTITY = ");

qty = Convert.ToInt32(Console.ReadLine());

}

switch(ch)

{

case 1 :price= qty \*35;

break;

case 2 :price= qty \*50;

break;

case 3 :price= qty \*45;

break;

default: Console.WriteLine("NOT VALID");break;

case 4 :price= qty \*20;

break;

case 5 :price= qty \*10;

break;

}

if(price!=0)

Console.WriteLine("PRICE = "+price);

}

}

PROGRAM USING SWITCH CASE (WITH RANGE)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

int m1, m2, m3, total=0;

float avg;

Console.WriteLine("Enter 3 marks ");

m1 = Convert.ToInt32(Console.ReadLine());

m2 = Convert.ToInt32(Console.ReadLine());

m3 = Convert.ToInt32(Console.ReadLine());

total = m1 + m2 + m3;

avg = float.Parse(total.ToString())/3;

Console.WriteLine("TOTAL = " + total);

Console.WriteLine("AVERAGE = " + avg);

switch(avg >35 ? "Pass" : "Fail")

{

case "Pass": Console.WriteLine("the student passed");break;

case "Fail": Console.WriteLine("the student failed");break;

default: Console.WriteLine("Not valid marks");break;

}

}

}

}

IF ELSE (BIGGEST OF 2 NUMBERS)

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Day1

{

class BIGGESTof2

{

static void Main(string[] args)

{

int a, b, c, max;

Console.WriteLine("enter a = ");

a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter b = ");

b = Convert.ToInt32(Console.ReadLine());

if (a > b)

max = a;

else

max = b;

Console.WriteLine("The bigges of 2 numbers {0} & {1} is {2}",a,b,max);

}

}

}

IF ELSE (BIGGEST OF 2 NUMBERS USING TERNARY OPERATOR)

using System;

namespace Day1

{

class BIGGESTof2

{

static void Main(string[] args)

{

int a, b, c, max;

Console.WriteLine("enter a = ");

a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter b = ");

b = Convert.ToInt32(Console.ReadLine());

max = (a > b) ? a : b;

Console.WriteLine("The bigges of 2 numbers {0} & {1} is {2}",a,b,max);

}

}

}

NESTED IF ELSE (BIGGEST OF 3 NUMBERS)

using System;

namespace Day1

{

class Biggestof3

{

static void Main(string[] args)

{

int a, b,c, max;

Console.WriteLine("enter a = ");

a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter b = ");

b = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter c = ");

c = Convert.ToInt32(Console.ReadLine());

if(a>b)

{

if (a > c)

max = a;

else

max = c;

}

else

{

if (b > c)

max = b;

else

max = c;

}

Console.WriteLine("Biggest of {0} {1} & {2} = {3}",a,b,c,max);

}

}

}

NESTED IF ELSE TERNARY OPERATOR (BIGGEST OF 3 NUMBERS)

using System;

namespace Day1

{

class bIGGEST3TERNARY

{

static void Main(string[] args)

{

int a, b, c, max;

Console.WriteLine("enter a = ");

a = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter b = ");

b = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("enter c = ");

c = Convert.ToInt32(Console.ReadLine());

max = (a > b) ? (a > c) ? a : c : (b > c) ? b : c;

Console.WriteLine("Biggest of {0} {1} & {2} = {3}", a, b, c, max);

}

}

}