Conditional Statements

// If-else

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

int x = 10;

if(x%2==0)

Console.WriteLine("No is even");

else

Console.WriteLine("No id odd");

}

}

}

// if else if

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

System.String name;

string name1;

System.Int16 x1;

int x, y;

x = 10;

y = 20;

int ch = 3;

if(ch==1)

Console.WriteLine("Sum of {0} and {1} is {2} ", x,y,(x+y));

else if(ch==2)

Console.WriteLine("Difference of {0} and {1} is {2}",x,y,(x - y));

else if(ch==3)

Console.WriteLine("Product of {0} and {1} and {2} " , x,y ,x \* y);

else if(ch==4)

Console.WriteLine("Quotient of " + x + " and " + y + " is " + x / y);

else

Console.WriteLine("Invaid Statement");

}

}

}

// Debug > Check flow of execution of your program, to run program in debug mode, we press F5,

// Once it hits breakpoint ,we can contine by pressing F11

Switch case

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

// Debug > Check flow of execution of your program, to run program in debug mode, we press F5,

// Once it hits breakpoint ,we can contine by pressing F11

int x, y;

x = 10;

y = 20;

int ch = 3;

switch (ch)

{

case 1:

{

Console.WriteLine("Sum of {0} and {1} is {2} ", x, y, (x + y));

break;

}

case 2:

{

Console.WriteLine("Difference of {0} and {1} is {2}", x, y, (x - y));

break;

}

case 3:

{

Console.WriteLine("Product of {0} and {1} and {2} ", x, y, x \* y);

break;

}

case 4:

{

Console.WriteLine("Quotient of " + x + " and " + y + " is " + x / y);

break;

}

default:

{

Console.WriteLine("Invalid choice");

break;

}

}

}

}

}

While loop

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

// Debug > Check flow of execution of your program, to run program in debug mode, we press F5,

// Once it hits breakpoint ,we can contine by pressing F11

int x = 1;

while (x <= 10)

Console.WriteLine(x++);

}

}

}

Do while

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

// Debug > Check flow of execution of your program, to run program in debug mode, we press F5,

// Once it hits breakpoint ,we can contine by pressing F11

int x = 1;

do

{

Console.WriteLine(x++);

} while (x <= 10);

}

}

}

For

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Demo

{

class Program

{

// Intellisense

static void Main(string[] args)

{

// Debug > Check flow of execution of your program, to run program in debug mode, we press F5,

// Once it hits breakpoint ,we can contine by pressing F11

int x = 1;

for(x=1;x<=10;x++)

Console.WriteLine(x);

}

}

}

for(x=10;x>=1;x--)

Console.WriteLine(x);

Even no

for(x=2;x<=100;x+=2)

Console.WriteLine(x);