**Conditional Statements**

**1.**

Console.Write("Shkruaj nje numer: ");

int n1 = int.Parse(Console.ReadLine());

Console.Write("Shkruaj nje numer: ");

int n2 = int.Parse(Console.ReadLine());

if (n1 > n2)

{

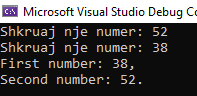
n1 = n1 + n2; // n1 = 52 + 38 = 90;

n2 = n1 - n2; // n2 = 90 - 38 = 52;

n1 = n1 - n2; // n1 = 90 - 52 = 38;

}

Console.WriteLine("First number: {0},\nSecond number: {1}.", n1, n2);



**2.**

Console.Write("Enter first number: ");

int a = Int32.Parse(Console.ReadLine());

Console.Write("Enter second number: ");

int b = Int32.Parse(Console.ReadLine());

Console.Write("Enter third number: ");

int c = Int32.Parse(Console.ReadLine());

if (a < 0 && b < 0 && c < 0) Console.WriteLine("-");

else if (a >= 0 && b >= 0 && c >= 0) Console.WriteLine("+");

else if (a < 0 && b < 0 && c >= 0) Console.WriteLine("+");

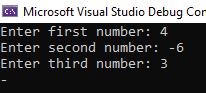
else if (a < 0 && b >= 0 && c < 0) Console.WriteLine("+");

else if (a >= 0 && b < 0 && c < 0) Console.WriteLine("+");

else if (a < 0 && b >= 0 && c >= 0) Console.WriteLine("-");

else if (a >= 0 && b < 0 && c >= 0) Console.WriteLine("-");

else if (a >= 0 && b >= 0 && c < 0) Console.WriteLine("-");



**3.**

Console.Write("Enter first number: ");

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

Console.Write("Enter second number: ");

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

Console.Write("Enter third number: ");

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

if (firstNumber > secondNumber)

{

if (firstNumber > thirdNumber) Console.WriteLine("The first number is the biggest");

else if (firstNumber < thirdNumber) Console.WriteLine("The third number is the biggest");

else Console.WriteLine("The first number and The third number are the biggest");

}

else if (firstNumber < secondNumber)

{

if (secondNumber > thirdNumber) Console.WriteLine("The second number is the biggest");

else if (secondNumber < thirdNumber) Console.WriteLine("The third number is the biggest");

else Console.WriteLine("The second number and The third number are the biggest");

}

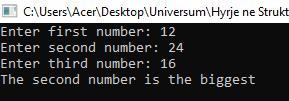
else if (firstNumber == secondNumber) {

if (firstNumber == thirdNumber) Console.WriteLine("All are equal");

else if (firstNumber < thirdNumber) Console.WriteLine("The third number is the biggest");

else Console.WriteLine("The first number and The second number are the biggest");

}



**4.**

Console.Write("Enter first number: ");

int a = Int32.Parse(Console.ReadLine());

Console.Write("Enter second number: ");

int b = Int32.Parse(Console.ReadLine());

Console.Write("Enter third number: ");

int c = Int32.Parse(Console.ReadLine());

if (a < b)

{

if (a < c)

{

a = a + c;

c = a - c;

a = a - c;

if (b > c)

{

a = a + b;

b = a - b;

a = a - b;

}

}

else if (a >= c)

{

a = a + b;

b = a - b;

a = a - b;

}

}

else if (a == b)

{

if (a < c)

{

a = a + c;

c = a - c;

a = a - c;

}

}

else

{

if (b < c)

{

b = b + c;

c = b - c;

b = b - c;

}

if (a < b)

{

a = a + b;

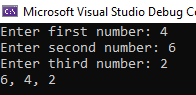
b = a - b;

a = a - b;

}

}

Console.WriteLine("{0}, {1}, {2}", a, b, c)



**5.**

Console.WriteLine("Write a number from 0-9");

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

switch (number)

{

case 0: Console.WriteLine("Zero"); break;

case 1: Console.WriteLine("One"); break;

case 2: Console.WriteLine("Two"); break;

case 3: Console.WriteLine("Three"); break;

case 4: Console.WriteLine("Four"); break;

case 5: Console.WriteLine("Five"); break;

case 6: Console.WriteLine("Six"); break;

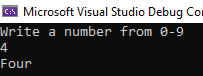
case 7: Console.WriteLine("Seven"); break;

case 8: Console.WriteLine("Eight"); break;

case 9: Console.WriteLine("Nine"); break;

default: Console.WriteLine("Wrong input"); break;

}



**6.**

Console.Write("Input A (not 0): ");

sbyte a = Convert.ToSByte(Console.ReadLine());

Console.Write("Input B: ");

sbyte b = Convert.ToSByte(Console.ReadLine());

Console.Write("Input C: ");

sbyte c = Convert.ToSByte(Console.ReadLine());

sbyte d = (sbyte)(b \* b - 4 \* a \* c);

if (d < 0)

Console.WriteLine("\nD={0}\nThere are no real roots.", d);

else if (d == 0)

{

sbyte x1 = (sbyte)(-b / 2 \* a);

Console.WriteLine("\nX={0}", x1);

}

else

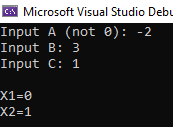
{

sbyte x1 = (sbyte)((-b + Math.Sqrt(d)) / (2 \* a));

sbyte x2 = (sbyte)((-b - Math.Sqrt(d)) / (2 \* a));

Console.WriteLine("\nX1={0}\nX2={1}", x1, x2);

}



**7.**

Console.Write("Enter first number: ");

int numri1 = int.Parse(Console.ReadLine());

Console.Write("Enter second number: ");

int numri2 = int.Parse(Console.ReadLine());

Console.Write("Enter third number: ");

int numri3 = int.Parse(Console.ReadLine());

Console.Write("Enter fourth number: ");

int numri4 = int.Parse(Console.ReadLine());

Console.Write("Enter fifth number: ");

int numri5 = int.Parse(Console.ReadLine());

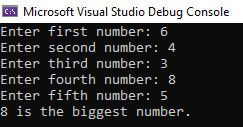
if (numri1 < numri2) numri1 = numri2;

if (numri1 < numri3) numri1 = numri3;

if (numri1 < numri4) numri1 = numri4;

if (numri1 < numri5) numri1 = numri5;

Console.WriteLine("{0} is the biggest number.", numri1);



**8.**

Console.Write("Enter variable type (0 - int, 1 - double, 2 string): ");

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

switch (intVar)

{

case 0:

{

Console.Write("Enter int variable: ");

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

intVar++;

Console.WriteLine("Int variable +1 = {0}", intVar);

break;

}

case 1:

{

Console.Write("Enter double variable: ");

double doubleVar = double.Parse(Console.ReadLine());

doubleVar++;

Console.WriteLine("Double variable +1 = {0}", doubleVar);

break;

}

case 2:

{

Console.Write("Enter string variable: ");

string stringVar = Console.ReadLine();

stringVar = stringVar + '\*';

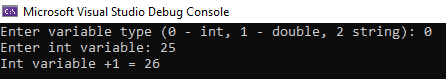
Console.WriteLine("String variable +\* = {0}", stringVar);

break;

}

default: Console.WriteLine("Wrong input"); break;

}



**9.**

Console.Write("Enter first number: ");

sbyte first = Convert.ToSByte(Console.ReadLine());

Console.Write("Enter second number: ");

sbyte second = Convert.ToSByte(Console.ReadLine());

Console.Write("Enter third number: ");

sbyte third = Convert.ToSByte(Console.ReadLine());

Console.Write("Enter fourth number: ");

sbyte fourth = Convert.ToSByte(Console.ReadLine());

Console.Write("Enter fifth number: ");

sbyte fifth = Convert.ToSByte(Console.ReadLine());

if (first + second == 0)

Console.WriteLine("{0}+ {1} = 0", first, second);

if (first + third == 0)

Console.WriteLine("{0}+ {1} = 0", first, third);

if (first + fourth == 0)

Console.WriteLine("{0}+ {1} = 0", first, fourth);

if (first + fifth == 0)

Console.WriteLine("{0}+ {1} = 0", first, fifth);

if (second + third == 0)

Console.WriteLine("{0}+ {1} = 0", second, third);

if (second + fourth == 0)

Console.WriteLine("{0}+ {1} = 0", second, fourth);

if (second + fifth == 0)

Console.WriteLine("{0}+ {1} = 0", second, fifth);

if (third + fourth == 0)

Console.WriteLine("{0}+ {1} = 0", third, fourth);

if (third + fifth == 0)

Console.WriteLine("{0}+ {1} = 0", third, fifth);

if (fourth + fifth == 0)

Console.WriteLine("{0}+ {1} = 0", fourth, fifth);

if (first + second + third == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", first, second, third);

if (first + second + fourth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", first, second, fourth);

if (first + second + fifth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", first, second, fifth);

if (first + third + fourth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", first, third, fourth);

if (first + third + fifth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", first, third, fifth);

if (second + third + fourth == 0)

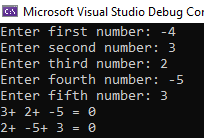
Console.WriteLine("{0}+ {1}+ {2} = 0", second, third, fourth);

if (second + third + fifth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", second, third, fifth);

if (third + fourth + fifth == 0)

Console.WriteLine("{0}+ {1}+ {2} = 0", third, fourth, fifth);



**10.**

Console.Write("Shkruaj piket 1 deri ne 9: ");

byte piket = Convert.ToByte(Console.ReadLine());

if (piket >= 1 && piket <= 3)

Console.WriteLine("Piket e shumzuara me 10: {0}", piket \* 10);

else if (piket >= 4 && piket <= 6)

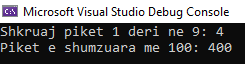
Console.WriteLine("Piket e shumzuara me 100: {0}", piket \* 100);

else if (piket >= 7 && piket <= 9)

Console.WriteLine("Piket e shumzuara me 1000: {0}", piket \* 1000);

else

Console.WriteLine("Numer i gabuar!");



**11.**

Console.Write("Enter a number between 0 and 999: ");

short number = Convert.ToInt16(Console.ReadLine());

byte hundreds = (byte)(number / 100 | 0);

byte tensAndOnes;

if (number > 99) tensAndOnes = (byte)(number % 100);

else tensAndOnes = (byte)(number \* 1);

byte ones = (byte)(number % 10);

switch (hundreds)

{

case 1: Console.Write("One hundred "); break;

case 2: Console.Write("Two hundred "); break;

case 3: Console.Write("Three hundred "); break;

case 4: Console.Write("Four hundred "); break;

case 5: Console.Write("Five hundred "); break;

case 6: Console.Write("Six hundred "); break;

case 7: Console.Write("Seven hundred "); break;

case 8: Console.Write("Eight hundred "); break;

case 9: Console.Write("Nine hundred "); break;

}

if (hundreds >= 1 && tensAndOnes >= 1) Console.Write("and ");

if (tensAndOnes >= 20 && tensAndOnes < 30) Console.Write("Twenty");

else if (tensAndOnes >= 30 && tensAndOnes < 40) Console.Write("Thirty");

else if (tensAndOnes >= 40 && tensAndOnes < 50) Console.Write("Fourty");

else if (tensAndOnes >= 50 && tensAndOnes < 60) Console.Write("Fifty");

else if (tensAndOnes >= 60 && tensAndOnes < 70) Console.Write("Sixty");

else if (tensAndOnes >= 70 && tensAndOnes < 80) Console.Write("Seventy");

else if (tensAndOnes >= 80 && tensAndOnes < 90) Console.Write("Eighty");

else if (tensAndOnes >= 90 && tensAndOnes < 100) Console.Write("Ninety");

switch (tensAndOnes)

{

case 1: Console.Write("One"); break;

case 2: Console.Write("Two"); break;

case 3: Console.Write("Three"); break;

case 4: Console.Write("Four"); break;

case 5: Console.Write("Five"); break;

case 6: Console.Write("Six"); break;

case 7: Console.Write("Seven"); break;

case 8: Console.Write("Eight"); break;

case 9: Console.Write("Nine"); break;

case 10: Console.Write("Ten"); break;

case 11: Console.Write("Eleven"); break;

case 12: Console.Write("Twelve"); break;

case 13: Console.Write("Thirteen"); break;

case 14: Console.Write("Fourteen"); break;

case 15: Console.Write("Fifteen"); break;

case 16: Console.Write("Sixteen"); break;

case 17: Console.Write("Seventeen"); break;

case 18: Console.Write("Eighteen"); break;

case 19: Console.Write("Nineteen"); break;

}

if (tensAndOnes > 20)

{

switch (ones)

{

case 1: Console.Write("-one"); break;

case 2: Console.Write("-two"); break;

case 3: Console.Write("-three"); break;

case 4: Console.Write("-four"); break;

case 5: Console.Write("-five"); break;

case 6: Console.Write("-six"); break;

case 7: Console.Write("-seven"); break;

case 8: Console.Write("-eight"); break;

case 9: Console.Write("-nine"); break;

}

}

if (number == 0) Console.Write("Zero");

