**Conditional Statements**

**Detyra 1.**

**Kodi:**

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

int numri1 = Int32.Parse(Console.ReadLine());

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

int numri2 = Int32.Parse(Console.ReadLine());

if (numri1 > numri2)

{

numri1 = numri1 + numri2;

numri2 = numri1 - numri2;

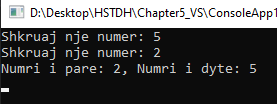
numri1 = numri1 - numri2;

}

Console.WriteLine("Numri i pare: {0}, Numri i dyte: {1}", numri1, numri2);

Console.ReadKey();

**Rezultati:**



**Detyra 2**.

**Kodi:**

Console.Write("Enter a: ");

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

Console.Write("Enter b: ");

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

Console.Write("Enter c: ");

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("+");

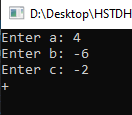
else if (a >= 0 && b < 0 && c < 0) Console.WriteLine("+");

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("-");

**Rezultati:**



**Detyta 3.**

**Kodi:**

Console.Write("Numri i pare: ");

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

Console.Write("Numri i dyte: ");

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

Console.Write("Numri i trete: ");

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

if (a > b)

if (a > c) Console.WriteLine("Numri i pare eshte me i madhi");

else if (a < c) Console.WriteLine("Numri i trete eshte me i madhi");

else Console.WriteLine("Numri i pare dhe i trete jan me te medhenjt");

else if (a < b)

if (b > c) Console.WriteLine("Numri i dyte eshte me i madhi");

else if (b < c) Console.WriteLine("Numri i trete eshte me i madhi");

else Console.WriteLine("Numri i dyte dhe i trete jan me te medhenjt");

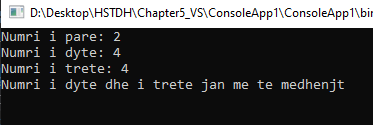
else if (a == b)

if (a == c) Console.WriteLine("Te tre numrat jane te barabart");

else if (a < c) Console.WriteLine("Numri i trete eshte me i madhi");

else Console.WriteLine("Numri i pare dhe i dyte jane me te medhenjt");

**Rezultati:**



**Detyra 4.**

**Kodi:**

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 second 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;

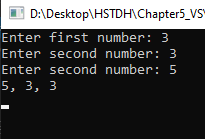
a = a - b;

}

}

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

**Rezultati:**



**Detyra 5.**

**Kodi:**

Console.WriteLine("Add a number 0-9: ");

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

switch (number)

{

case 0: Console.WriteLine("Null"); 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;

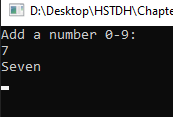
case 9: Console.WriteLine("Nine"); break;

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

}

Console.ReadLine();

**Rezultati:**



**Detyra 6.**

**Kodi:**

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));

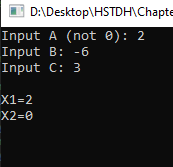
sbyte x2 = (sbyte)((-b - Math.Sqrt(d)) / (2 \* a));

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

}

Console.ReadLine();

**Rezultati:**



**Detyra 7.**

**Kodi:**

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());

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

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

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

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

if (a < b) a = b;

if (a < c) a = c;

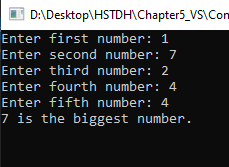
if (a < d) a = d;

if (a < e) a = e;

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

Console.ReadKey();

**Rezultati:**



**Detyra 8**.

**Kodi:**

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

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

switch (intVar)

{

case 0:

{

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

intVar = Int32.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);

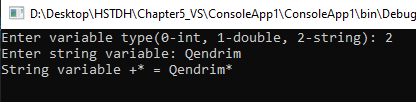
break;

}

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

}

**Rezultati:**



**Detyra 9.**

**Kodi:**

**Rezultati:**

**Detyra 10**.

**Kodi:**

Console.Write("Shkruaj nje numer nga 1 deri ne 9: ");

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

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

Console.WriteLine("Numri shumezohet me 10: {0}", numri \* 10);

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

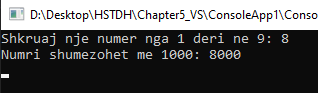
Console.WriteLine("Numri shumezohet me 100: {0}", numri \* 100);

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

Console.WriteLine("Numri shumezohet me 1000: {0}", numri \* 1000);

else Console.WriteLine("Numri i gabuar");

**Rezultati:**



**Detyra 11**.

**Kodi:**

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");

Console.ReadLine();

**Rezultati:**

