

Declaration

Dim x as integer

Dim x as double

Dim x as single

Dim x as string

Input

x = Inputbox(„Enter the number x“)

Calculations and formulas

z = x+y

z = x-y

z = x*y

z = x/y

z = 2 * (x-y)

square SQR

Relational operators

= equals

<less than

> greater than

<= less than equal

>= greater than

<> not equal

View results

MsgBox "result is" & z

Chr(13) to the next line

Conditional command

If Condition Then

 Commands 1

Else

 Commands 2

End If

Option for more conditions

If Condition 1 Then

 Commands 1

Elsif Condition 2 then

 Commands 2

...

Else

 Commands n

End If

Cycle

For variable = start To end [Step step]

 [commands]

 [Exit For]

 [commands]

Next variable

Example 1

Enter the radius of the circle and calculate the content and circuit of the circle.

Enter a radius of 5 m.

Result: The content is 78.5. The circuit is 31.4.

Example 2

Enter the length and width of the land and the price for 1m². Calculate and display the area of land and the price of the land.

Enter length 50 m and width 70 m and price 0,5 euro / m². Content is 3500 m². The price is 7000 euros.

Examples 3

Enter price and quantity. Calculate and Display VAT (20%), Price with VAT and Sales (Price with VAT * pcs).

For example price 100, pcs 20.

VAT is 20, Price with VAT 120 and Sales 2400.

Examples 4

Enter time and track. Calculates speed in meter/second (m/s) and kilometer/hour (km/h).

IF

Examples 5

Enter the number and decide if it is positive or negative. (zero is positive)

Examples 6

Enter side A and side B. Decide if it is a square $A = B$ or a rectangle and calculate the content of the shape.

Try $A = 6$ and $B = 7$. This is a rectangle. Content is 42.

Try $A = 6$ and $B = 6$. This is a square. Content is 36.

Examples 7

Enter the number X and decide if it is between 5 and 50.

Help:

If $A \leq 5$ and Number ≤ 50 Then

Try entering number 2. Number is not in interval

Try to enter the number 40. The number is in the interval.

Examples 8

Enter two numbers A and B. If A is greater than B, calculate the difference and store it in variable C. If the numbers are equal, multiply the numbers and store in variable C. If A is less than B, calculate their sum. Display the variable C.

Help

Examples 9

Enter the number of produced pieces (P) and the price per piece (S) and calculate the amount of payroll tax according to the table. Displays salary and tax.

Salary employee

over 2500 Euro 20%

from 10000 - 25000 Euro 15%

up to 10000 Euro 10%

Examples 10

Enter the speed and find out what penalty the driver will pay.

50-70 km / h 50 euro

71 - 90 km / h... 100 euro

Over 90 km / h... 200 euro

Cycle

Examples 11

Enter 5 numbers. Sum of the numbers to display.

Examples 12

Enter 4 times. Calculate and view average time.

Examples 13

For numbers 1 to 5, display the second power of the number.

Examples 13

Find out how many of the 8 integers entered are greater than 0

Examples 14

Enter 6 attempts by the athlete to throw the disc and find out which was the longest.

Examples 15

Create a program that generates 5 numbers (numbers from 1 to 49). Display the numbers.

Examples 16

Generate 10 numbers from 1 to 6 to view and see how many times the number "6" was generated.