



WI

(3)

/\* Add 2 real mo's:

include

main()

double no 1, no 2, sun;

printf (" 1st no = ");

ho 1 = Get Real ();

printf ( H 2 Lu mo = ");

no 2 = Get Real ();

sum = no 1 + no 2;

printf (H The sum of %g and %g is %g \n",

no 1, no 2, sum);

\* STRING EX.

main ()

string name;

printf ("Type your name ="); INPUT

name = GetLine ();

printf ("Hello, %s. In ", name); OUTPUT

## • X pressions "An expression consists of terms & operators." trond topredos term = constant 3.1416 - function call sim (m) - expr. in parantheres (x+y) -D constants: 10, 1, 2000000 0.08, 2009.00, 2.99E-9 - FLOAT 1 " hello" - STRING : -D Variables ("place-holders"): - name type value Tinitially UNDEFINED !!! - starts with letter or " " e.g.: no 1, -no 1, No 1 - continues with letters digite ox " " must Not be a key word like if, for, while etc.

(10)
1 2
n1
o-n-8
0-h-5
×
double .
rs
(2)
>1
X4+ []

## · Precedence

- O) Parantheses
- 1) Unary op's -x
  2) Multiplication \*, 1, %.
  3) Addition +, -
- 4) "From Left To Right" -> Eval from left to right when equal proceed

Type Conversion

EX. 1+2.3

Canv. 1, 0+2 3

(type-cust) to
Doubles

· int m ;

n = 1,9999;

> n will have value 1

"trancation"

TYPE-CASTING

\* Force a certain type"

-> Precedence higher than multiplication

EX

doubbe quotient; int num, denom;

quotient = (double) num / (double) demom ;

OR = (double) num / denoming

OR ... = num / (double) denom;

2×: 5/3 → Value 1.666666... V