



















Logical

- □ no explicit logical type (bool, boolean, etc)
- □ all types can be used as logical
  - non-zero value: true
  - zero value: false
- String (text, words)
  - □ no string type (string, word, etc.)
  - $\hfill\square$  arrays of chars are used instead
  - more later

Basics of programming © 2012, Dr. Goldschmidt Balázs, BME IIT

## Expressions

- Built from variables, operators, and expressions
- Single variable is a basic expression
- E.g.: a = b+c\*d+(a\*c);
- Left value
  - expression on the *left* side of an assignment
     mostly singular variables
- Right value
  - expression on the *right* side of an assignment
     any expression

9

Basics of programming © 2012, Dr. Goldschmidt Balázs, BME IIT

































## Keywords

Can not be used as identifiers (variable, function, typename, etc.) auto, break, case, char, const, continue, default, do, double, else, enum, extern, float, for, goto, if, int, long, register, return, short, signed, sizeof, static, struct, switch, typedef, union, unsigned, void, volatile, while

25

Basics of programming @ 2012, Dr. Goldschmidt Balázs, BME IIT

Simple output in C is not easy.
 Input and output in C is not easy.
 Simple output for exercises
 Input ("hello world");
 printf("hello world\n");
 int

 printf("kd", x);
 double
 printf("%lf", x);

