| | | FILE |
|-------------------------|----------|--|
| | | <i>lecture09</i> p. 5,6 |
| != (Logical operator r | not) | LINE |
| lecture01 | p. 23 | <i>lecture09</i> p. 5,6 |
| " (Double quote) | • | ((Curly brackets) |
| lecture01 | p. 15 | lecture01 p. 22 |
| #define | • | l (bit or) |
| lecture01 | p. 16,18 | lecture01 p. 23 |
| lecture09 | p. 3,4 | II (Logical operator or) |
| #ifndef | • | lecture01 p. 23 |
| lecture09 | p. 3 | |
| #include | • | ^ |
| lecture01 | p. 16,20 | A |
| lecture02 | p. 7 | |
| lecture09 | р. 3 | Abstract class |
| %p | • | <i>lecture12</i> p. 10 |
| lecture09 | p. 22 | accept() |
| & (bit and) | ' | <i>lecture11</i> p. 4 |
| lecture01 | p. 23 | Address |
| & operator (address) | • | <i>lecture01</i> p. 8-10,12,13 |
| lecture01 | p. 10 | Address of variable |
| lecture03 | p. 4,6,8 | <i>lecture03</i> p. 4 |
| && (Logical operator | • | Adelson-Velsky, Georgy |
| lecture01 | p. 23 | <i>lecture06</i> p. 17 |
| ' (Single quote) | • | Aggregate |
| lecture01 | p. 15 | <i>lecture12</i> p. 5 |
| * operator (dereferen | • | Aggregate vs multiple inheritance |
| lecture01 | p. 10 | <i>lecture12</i> p. 11 |
| lecture03 | р. 7 | Algorithm |
| - (arrow) reference to | • | <i>lecture01</i> p. 12 |
| lecture03 | p. 19,20 | <i>lecture12</i> p. 27 |
| . (dot) reference to st | • | Alignment of structures |
| lecture03 | p. 16,20 | <i>lecture03</i> p. 18 |
| .h File | • | And (logical operator) |
| lecture01 | p. 16 | <i>lecture01</i> p. 23 |
| .hpp file | • | Angle brackets vs double quotes for header |
| lecture08 | p. 14 | files |
| 2-3-4 Tree | • | <i>lecture02</i> p. 7 |
| lecture06 | p. 20 | Architecture |
| \0 | | <i>lecture01</i> p. 10 |
| lecture01 | p. 14,15 | argc |
| lecture02 | p. 10-12 | <i>lecture02</i> p. 2 |
| \n | 1 | <i>lecture03</i> p. 14,15 |
| lecture02 | p. 10 | <i>lecture03</i> p. 13 |
| | • | Argument passed as reference |
| | | |

| lecture08 | p. 16 | atof() | |
|--------------------------|---------------------------------------|------------------------|-------------------|
| Argument passed by re | • | lecture03 | p. 1 |
| lecture08 | p. 17 | atoi() | I ⁻ |
| argv[] | г | lecture03 | p. 1 |
| lecture02 | p. 2 | atol() | • |
| lecture03 | p. 13-15 | lecture03 | p. 1 |
| Array | p. 13 13 | autoconf | • |
| lecture01 | p. 10,12-14 | lecture09 | p. 11 |
| lecture03 | p. 6 | automake | · |
| lecture05 | p. 17-21 | lecture09 | p. 11 |
| lecture06 | p. 1,9,10 | autoscan | · |
| lecture08 | p. 20 | lecture09 | p. 10 |
| Array in C and in Java | P | Autotools | · |
| lecture03 | p. 12 | lecture09 | p. 9-11 |
| Array of strings | P – | AVL tree | · |
| lecture03 | p. 12,13 | lecture06 | p. 17-19 |
| Array of structures | p, | | · |
| lecture03 | p. 16 | D | |
| Array vs pointer | p. 10 | В | |
| lecture03 | p. 6,8,9,12 | | |
| Array – multidimension | · · · · · · · · · · · · · · · · · · · | B-Tree | |
| lecture03 | p. 13 | lecture06 | p. 20 - 23 |
| Array: returned by a fur | • | lecture07 | p. 2 |
| lecture04 | p. 11-13 | Bad path | |
| Array:Pointer | p | lecture12 | p. 16 |
| lecture05 | p. 2 | Balanced tree | |
| Arrow reference to stru | • | lecture06 | p. 17-19 |
| lecture03 | p. 19,20 | Beeper program | |
| ASCII | p. 10,20 | lecture11 | p. 16 |
| lecture01 | p. 9 | Bell Labs | |
| ASCII table | p. 0 | lecture01 | p. 6,7 |
| lecture01 | p. 22 | Berkeley Software Dist | ribution (BSD) |
| assert | p. == | lecture07 | p. 2 |
| lecture02 | p. 4 | Berners-Lee, Tim | |
| Assigning address to p | • | lecture11 | p. 7 |
| lecture03 | p. 6 | Binary file | |
| Assignment | P | lecture04 | p. 2 |
| lecture01 | p. 22,23 | Binary search | |
| lecture02 | p. 2 | lecture06 | p. 9,10,13,14 |
| Assignment of objects | • | Binary tree | |
| lecture12 | p. 7,8 | lecture06 | p. 14-17 |
| Assignment operator | 1 7- | bind() | |
| lecture10 | p. 18-20 | lecture11 | p. 4 |
| ATK | r | Bit | |
| lecture09 | p. 18 | lecture01 | p. 8 |
| | • | | |

| Bit operators | | C++ initialization | |
|---|---|--|---|
| lecture01 | p. 23 | lecture10 | p. 4 |
| Block | | C++ rules | |
| lecture01 | p. 22 | lecture12 | p. 32 |
| Block of instructions | | C++ vs Java | |
| lecture01 | p. 15 | lecture08 | p. 18-20 |
| Boolean | | lecture10 | p. 13,14 |
| lecture01 | p. 10,11,21 | lecture12 | p. 9,10,20,21 |
| Box-Müller | | C11 | |
| lecture03 | p. 3 | lecture01 | p. 7 |
| break | | C89 | |
| lecture01 | p. 24 | lecture01 | p. 7 |
| BSD (Berkeley Softwar | e Distribution) | C99 | |
| lecture07 | p. 2 | lecture01 | p. 7 |
| lecture10 | p. 22 | Cairo | |
| Built-in functions | | lecture09 | p. 18 |
| lecture02 | p. 5,8 | Calling functions | |
| Byte | | lecture04 | p. 8 |
| lecture01 | p. 8 | calloc() | |
| Byte address | | lecture04 | p. 18 |
| lecture12 | p. 18 | Canonical class | |
| | | lecture10 | p. 6,7,9,10,15,18,19 |
| C | | case | |
| | | lecture01 | p. 24 |
| | | Case | |
| C and inheritance | | lecture02 | p. 11 |
| lecture12 | p. 11-13 | Case insensitive compa | rison |
| C environment | | lecture02 | p. 13 |
| lecture01 | p. 7 | Casting | |
| C program structure | | lecture12 | p. 31 |
| lecture01 | p. 18 | catch | • |
| C standard library | | | |
| o diamata library | | lecture08 | p. 16 |
| lecture02 | p. 8 | | p. 16 |
| | p. 8 | lecture08 Catching errors lecture08 | |
| lecture02 | p. 8 p. 6,12-14,17,18 | Catching errors | p. 16 p. 11,12 |
| lecture02 C vs Java | • | Catching errors lecture08 | p. 11,12 |
| lecture02 C vs Java lecture01 | p. 6,12-14,17,18 | Catching errors lecture08 CFLAGS lecture04 | |
| lecture02 C vs Java lecture01 lecture02 | p. 6,12-14,17,18 p. 5 | Catching errors lecture08 CFLAGS | p. 11,12 p. 5 |
| lecture02 C vs Java lecture01 lecture02 lecture03 | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 | Catching errors lecture08 CFLAGS lecture04 Changing case | p. 11,12 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 | p. 6,12-14,17,18 p. 5 p. 12,20 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char | p. 11,12 p. 5 p. 11 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 lecture05 | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 p. 1,2,16 p. 23 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char lecture01 | p. 11,12 p. 5 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 lecture05 lecture06 | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 p. 1,2,16 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char lecture01 Character classification | p. 11,12 p. 5 p. 11 p. 10,11 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 lecture05 lecture06 lecture09 | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 p. 1,2,16 p. 23 p. 15-17 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char lecture01 Character classification lecture02 | p. 11,12 p. 5 p. 11 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 lecture05 lecture06 lecture09 C++ | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 p. 1,2,16 p. 23 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char lecture01 Character classification lecture02 Character encoding | p. 11,12 p. 5 p. 11 p. 10,11 p. 10,11 |
| lecture02 C vs Java lecture01 lecture02 lecture03 lecture04 lecture05 lecture06 lecture09 C++ lecture08 | p. 6,12-14,17,18 p. 5 p. 12,20 p. 7,17 p. 1,2,16 p. 23 p. 15-17 | Catching errors lecture08 CFLAGS lecture04 Changing case lecture02 char lecture01 Character classification lecture02 | p. 11,12 p. 5 p. 11 p. 10,11 |

| lecture02 | p. 17 | lecture01 | p. 22,23 |
|--------------------------|----------------------|-------------------------------|----------------------|
| Character encoding | • | lecture02 | p. 2 |
| lecture02 | p. 15-18 | Compiler | • |
| Chinese characters | • | lecture01 | p. 16,17,19,20 |
| lecture02 | p. 14,16,17 | Compiling a C program | į, , -, - |
| cin | 1- , -, | lecture01 | p. 17 |
| lecture08 | p. 15 | Compiling on Linux | r |
| CJK | | lecture01 | p. 17 |
| lecture02 | p. 15 | Condition | P |
| class | p. 10 | lecture01 | p. 21 |
| lecture08 | p. 18 | Condition variable | p. = . |
| lecture09 | p. 15 | lecture14 | p. 2-4 |
| lecture12 | p. 19 | Conditional compiling | p. 2 1 |
| Class (canonical) | p | lecture09 | p. 6,9 |
| lecture 10 | p. 6,7,9,10,15,18,19 | lecture10 | p. 1 |
| Class naming rules | p. 0,7,0,10,10,10 | configure | р. т |
| lecture 10 | p. 3,4 | lecture09 | p. 10,11 |
| Class template | p. 0,4 | conio.h | p. 10,11 |
| lecture12 | p. 22-25 | lecture09 | p. 8 |
| Classes | p. 22-23 | connect() | ρ. σ |
| lecture08 | p. 17,18 | lecture11 | p. 2-4 |
| lecture10 | p. 17,16 p. 3 | Constants | μ. 2-4 |
| Classification of charac | • | lecture01 | n 16 10 |
| | | Constructor | p. 16,18 |
| lecture02 | p. 10,11 | lecture08 | n 10 |
| Clean shutdown | n 1 | | p. 18 |
| lecture13 | p. 1 | Constructor (copy) lecture10 | n 10 10 14 15 |
| close() | ~ · | | p. 10-12,14,15 |
| lecture11 | p. 3 | Constructor (default) | n 7.0 |
| Code | - O | lecture10 | p. 7-9 |
| lecture01 | p. 8 | cons_cast | - 04 |
| codepoint | . 45 | lecture12 | p. 31 |
| lecture02 | p. 15 | Container | 00 |
| lecture02 | p. 15 | lecture12 | p. 26 |
| Collection | | Coplien, Jim | 0 = 0 10 15 10 10 |
| lecture08 | p. 19 | lecture10 | p. 6,7,9,10,15,18,19 |
| Collections | | Copy (shallow vs deep) | |
| lecture05 | p. 16 | lecture10 | p. 14 |
| Command-line paramet | | Copy constructor | |
| lecture02 | p. 2 | lecture10 | p. 10-12,14,15 |
| lecture03 | p. 13-15 | Copy operator | |
| Comparison of Data str | uctures | lecture10 | p. 19,20 |
| lecture07 | p. 3-5 | Core dump | |
| Comparison of strings | | lecture11 | p. 14 |
| lecture02 | p. 12,13 | Course expectations | |
| Comparison operators | | lecture01 | p. 2 |
| | | | |

| Course notes lecture01 p. 3 lecture07 p. 4,5 | | | | |
|--|---------------------|----------------|-------------------------|-----------------|
| Course Organization lecture01 p. 6 Data structure07 p. 3-5 Course overview lecture14 p. 4-8 lecture01 p. 10-12 Lecture01 p. 1 lecture06 p. 20,23 Lecture08 p. 14,15 ddd Lecture09 p. 22 lecture07 p. 5 Craftsmanship lecture09 p. 22 lecture09 p. 22 Lecture06 p. 12 Declaration lecture09 p. 22 Lecture08 p. 12 Declaration of pointer lecture03 p. 1 Lecture08 p. 12 Declaration of pointer lecture03 p. 56 Lecture09 p. 2,3,21 Declaration of pointer lecture03 p. 56 Lecture03 p. 10 Declaration of variable lecture03 p. 56 Lecture02 p. 10 Declaration of variable lecture01 p. 9 Lecture01 p. 15,22 lecture10 p. 14,15 Cygwin Default constructor lecture10 p. 7-9 Lecture10 p. 14,15 Default destructor lecture10 Lecture12 p. 29 Lect | Course notes | | lecture06 | p. 1-13 |
| lecture01 p. 6 lecture07 p. 3-5 Course overview lecture14 p. 4-8 lecture01 p. 10-12 Course schedule lecture01 p. 1 lecture06 p. 20,23 lecture01 p. 1 lecture07 p. 5 lecture08 p. 14,15 ddd lecture09 p. 22 lecture01 p. 5 Debugging lecture09 p. 22 lecture01 lecture09 p. 22 lecture09 p. 22 lecture03 p. 12 Declaration of pointer lecture02 p. 10 lecture02 p. 10 lecture03 p. 5,6 lecture02 p. 11 lecture01 p. 9 lecture02 p. 11 lecture01 p. 9 lecture01 p. 15,22 lecture10 p. 14,15 lecture01 p. 15,22 lecture10 p. 7-9 lecture01 p. 2 lecture10 p. 7-9 lecture10 p. 2 lecture10 p. 7-9 lecture11 p. 29 lecture10 p. 10 lecture12 p. 29 lecture10 p. 10 lecture13 p. 4,8 lecture08 p. 16 Degenarated binary tree lecture08 p. 16 Delating a file lecture04 p. 2 lecture08 p. 12 lecture12 p. 26 Data lecture01 p. 8 lecture02 lecture12 p. 26 lecture05 p. 16,17 Derived class lecture05 p. 18 lecture05 p. 17 Destructor lecture08 p. 18 lecture06 p. 23 lecture07 p. 2,3 lecture08 p. 10 Data structure lecture07 p. 2,3 lecture08 p. 10 Detata structure lecture07 p. 2,3 lecture07 lecture07 p. 10 Detata structure lecture07 p. 2,3 lecture07 p. 10 Detata structure lecture07 p. 2,3 lecture08 p. 10 Detata structure lecture07 p. 2,3 lecture08 p. 10 Detata structure lecture07 p. 2,3 lecture08 p. 10 | lecture01 | p. 3 | lecture07 | p. 4,5 |
| Course overview lecture14 | Course Organization | | Data structures compar | ison |
| lecture14 | lecture01 | p. 6 | lecture07 | p. 3-5 |
| Course schedule lecture01 p. 1 lecture06 p. 20,23 cout lecture08 p. 14,15 ddd Craftsmanship lecture01 p. 5 Debugging lecture09 p. 22 Cryptography lecture06 p. 12 Declaration lecture09 p. 22 lecture03 p. 23,21 Declaration of pointer lecture03 p. 5,6 lecture03 p. 10 Declaration of variable lecture01 p. 5,6 lecture02 p. 11 lecture01 p. 9 Curly brackets lecture01 p. 15,22 lecture10 p. 14,15 Lecture01 p. 2 lecture10 p. 7-9 Cygwin lecture01 p. 2 lecture10 p. 7-9 Lecture01 p. 29 lecture10 p. 7-9 Lecture12 p. 29 lecture08 p. 16 Degenarated binary tree-lecture08 p. 16 Degenarated binary tree-lecture08 p. 17 Deleting a fille lecture08 p. 15 Deleting a fille lecture08 p. 15 Data lecture04 p. 26 | Course overview | | Data types | |
| lecture01 | lecture14 | p. 4-8 | lecture01 | p. 10-12 |
| cout lecture08 p. 14,15 ddd p. 22 Craftsmanship lecture09 p. 22 lecture01 p. 5 Debugging Cryptography lecture09 p. 22 lecture06 p. 12 Declaration ctime() lecture05 p. 1 lecture03 p. 2,3,21 Declaration of pointer lecture03 p. 5,6 lecture02 p. 10 Declaration of variable lecture01 p. 9 lecture02 p. 11 lecture01 p. 9 User ure02 p. 11 lecture01 p. 9 Lecture01 p. 15,22 lecture10 p. 14,15 Cygwin Default constructor lecture01 p. 7-9 Lecture01 p. 2 lecture10 p. 7-9 Lecture02 p. 29 lecture10 p. 10 Default parameters lecture08 p. 16 Degenarated binary tree lecture08 p. 15 Degenarated binary tree lecture08 p. 15 Deleting a file lecture08 | Course schedule | | Database | |
| Incitation Inc | lecture01 | p. 1 | lecture06 | p. 20,23 |
| Craftsmanship lecture01 p. 5 Debugging lecture09 p. 22 Cryptography lecture06 p. 12 Declaration lecture05 p. 1 Lecture03 p. 2,3,21 Declaration of pointer lecture03 p. 5,6 Lecture02 p. 10 Declaration of variable lecture01 p. 9 Lecture02 p. 11 Lecture01 p. 9 Lecture01 p. 15,22 Lecture01 p. 9 Cygwin lecture01 p. 15,22 Lecture10 p. 14,15 Cygwin lecture01 p. 2 Lecture10 p. 7-9 Lecture01 p. 2 Lecture10 p. 7-9 C_str() Default destructor lecture10 p. 10 Lecture12 p. 29 Lecture10 p. 10 Default parameters lecture08 p. 16 Degenarated binary tree lecture08 p. 16 Degenarated binary tree lecture08 p. 17 Deleting a file lecture04 p. 2 Lecture13 p. 8 Lecture08 p. 15 Data Lecture12 p. 26 Data Lecture03 p. 7,8,19,20 < | cout | | lecture07 | p. 5 |
| Debugging Debu | lecture08 | p. 14,15 | ddd | |
| Cryptography lecture06 | Craftsmanship | | lecture09 | p. 22 |
| Declaration Declaration Declaration Declaration Declaration Declaration Declaration of pointer Declaration of variable Declaration Declaration of variable | lecture01 | p. 5 | Debugging | |
| ctime() lecture03 p. 2,3,21 Declaration of pointer lecture03 p. 5,6 ctype.h lecture02 p. 10 Declaration of variable lecture02 p. 9 lecture02 p. 11 lecture01 p. 9 Curly brackets Deep copy lecture10 p. 14,15 lecture01 p. 15,22 lecture10 p. 14,15 Cygwin Default constructor lecture01 p. 2 lecture10 p. 7-9 Default destructor p. 7-9 Default destructor lecture12 p. 29 lecture10 p. 10 Default parameters Default destructor lecture08 p. 16 Degenarated binary tree lecture08 p. 16 Degenarated binary tree lecture08 p. 17 Deleting a file p. 15 deamon() lecture08 p. 15 Deleting a file p. 2 lecture03 p. 8 lecture04 p. 2 p. 26 Data p. 16,17 Derived class p. 7,8,19,20 Data structure p. 23 Destructor | Cryptography | | lecture09 | p. 22 |
| Declaration of pointer | lecture06 | p. 12 | Declaration | |
| ctype.h lecture02 p. 10 Declaration of variable lecture01 p. 5,6 lecture02 p. 11 lecture01 p. 9 Curly brackets lecture01 p. 15,22 lecture10 p. 14,15 Oygwin lecture01 p. 2 lecture10 p. 7-9 Outsuit constructor lecture01 p. 29 lecture10 p. 7-9 Default destructor lecture01 p. 10 Default destructor lecture12 p. 29 lecture08 p. 10 Default parameters lecture08 p. 16 Degenarated binary tree lecture06 p. 17 Daemon lecture13 p. 4,8 lecture06 p. 17 daemon() Deleting a file lecture01 p. 2 lecture03 p. 15 Destruce04 p. 2 Dahl, Ole-Johan deque lecture04 p. 26 lecture08 p. 12 lecture01 p. 26 Data lecture05 p. 16,17 Derreferencing lecture02 p. 4 lecture05 p. 16,17 Destructor lecture08 p. 18 | ctime() | | lecture05 | p. 1 |
| Declaration of variable Declared Decla | lecture03 | p. 2,3,21 | Declaration of pointer | |
| lecture02 | ctype.h | | lecture03 | p. 5,6 |
| Curly brackets | lecture02 | p. 10 | Declaration of variable | |
| lecture01 | lecture02 | p. 11 | lecture01 | p. 9 |
| Cygwin p. 2 Default constructor lecture01 p. 2 lecture10 p. 7-9 c_str() Default destructor lecture10 p. 10 lecture12 p. 29 lecture10 p. 10 Default parameters lecture08 p. 16 Degenarated binary tree lecture06 p. 17 Daemon delete lecture08 p. 15 daemon() Deleting a file lecture04 p. 2 Dahl, Ole-Johan deque lecture04 p. 2 Data lecture01 p. 8 lecture12 p. 26 Data lecture03 p. 7,8,19,20 Derived class lecture03 p. 7,8,19,20 Data structure lecture12 p. 4 lecture05 p. 17 Destructor Data structure functions lecture08 p. 18 lecture06 p. 23 Destructor (default) lecture07 p. 2,3 Destructor (default) lecture10 p. 10 Data structures </td <td>Curly brackets</td> <td></td> <td>Deep copy</td> <td></td> | Curly brackets | | Deep copy | |
| lecture01 | lecture01 | p. 15,22 | lecture10 | p. 14,15 |
| C_str() Default destructor lecture12 p. 29 lecture10 p. 10 Default parameters lecture08 p. 16 Degenarated binary tree lecture06 p. 17 delete lecture08 p. 17 daemon() lecture08 p. 15 lecture13 p. 8 lecture04 p. 2 Dahl, Ole-Johan deque lecture04 p. 2 Data lecture12 p. 26 Data lecture03 p. 7,8,19,20 Derived class lecture03 p. 7,8,19,20 Data structure lecture12 p. 4 lecture05 p. 17 Destructor Data structure functions lecture08 p. 18 lecture06 p. 23 Destructor (default) lecture07 p. 23 Destructor (default) lecture10 p. 10 Data structures Direct access | Cygwin | | Default constructor | |
| Default parameters Default parameters Default parameters Default parameters Default parameters Degenarated binary tree Degenarated D | | p. 2 | lecture10 | p. 7 - 9 |
| Default parameters lecture08 p. 16 | c_str() | | Default destructor | |
| Decture 08 p. 16 Degenarated binary tree lecture 06 p. 17 Daemon delete lecture 13 p. 4,8 lecture 08 p. 15 daemon() Deleting a file lecture 13 p. 8 lecture 04 p. 2 Dahl, Ole-Johan lecture 08 p. 12 lecture 12 p. 26 Data lecture 01 p. 8 lecture 03 p. 7,8,19,20 lecture 05 p. 16,17 Derived class Data structure lecture 12 p. 4 lecture 05 p. 17 Destructor lecture 06 p. 23 Destructor (default) lecture 07 p. 2,3 lecture 10 p. 10 Data structures Direct access Data structure 10 Direct access Data structure 10 p. 10 Data structures Direct access Data structure 10 Direct access Data structures Direct access Data structures Direct access Data structures Data structure 10 Direct access Data structures Data structure 10 Direct access Data structures Data structure 10 Direct access Data structures Data structures Data structures Data | lecture12 | p. 29 | lecture10 | p. 10 |
| Degenarated binary tree lecture06 p. 17 delete lecture13 p. 4,8 lecture08 p. 15 lecture13 p. 8 lecture04 p. 2 Dahl, Ole-Johan lecture08 p. 12 Data lecture01 p. 8 lecture03 p. 7,8,19,20 lecture05 p. 16,17 Data structure lecture05 p. 17 Data structure functions lecture06 p. 23 lecture07 p. 2,3 Data structure 10 lecture10 p. 10 Data structures Destructor (default) lecture10 l | | | Default parameters | |
| Degenarated binary tree lecture06 p. 17 Daemon plecture13 p. 4,8 p. 4,8 p. 15 Deleting a file plecture04 p. 2 Dahl, Ole-Johan plecture08 p. 12 p. 26 Data plecture01 p. 8 p. 12 plecture03 p. 7,8,19,20 plecture05 p. 16,17 plecture05 p. 16,17 plecture05 p. 17 Data structure plecture05 p. 17 plecture05 p. 17 Data structure functions plecture06 p. 23 plecture08 p. 23 plecture07 p. 23 plecture07 p. 2,3 plecture10 plecture10 p. 10 Data structures plecture07 p. 2,3 plecture10 p. 10 Data structures plecture10 p. 10 Direct access | D | | lecture08 | p. 16 |
| Daemon delete lecture13 p. 4,8 lecture08 p. 15 daemon() Deleting a file p. 2 lecture13 p. 8 lecture04 p. 2 Dahl, Ole-Johan deque p. 26 lecture08 p. 12 lecture12 p. 26 Data Dereferencing lecture03 p. 7,8,19,20 lecture05 p. 16,17 Derived class Data structure lecture12 p. 4 lecture05 p. 17 Destructor Data structure functions lecture08 p. 18 lecture06 p. 23 Destructor (default) lecture07 p. 2,3 lecture10 p. 10 Data structures Direct access | | | Degenarated binary tree | Э |
| lecture 13 p. 4,8 lecture 08 p. 15 daemon() Deleting a file lecture 04 p. 2 Dahl, Ole-Johan deque lecture 02 p. 26 Data Dereferencing lecture 03 p. 7,8,19,20 lecture 05 p. 16,17 Derived class Data structure lecture 12 p. 4 lecture 05 p. 17 Destructor Data structure functions lecture 08 p. 18 lecture 06 p. 23 Destructor (default) lecture 07 p. 2,3 Destruct 0 p. 10 Data structures Direct access | _ | | lecture06 | p. 17 |
| daemon ()Deleting a filelecture13p. 8lecture04p. 2Dahl, Ole-Johandequelecture08p. 12lecture12p. 26DataDereferencinglecture01p. 8lecture03p. 7,8,19,20lecture05p. 16,17Derived classData structurelecture12p. 4lecture05p. 17DestructorData structure functionslecture08p. 18lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | | delete | |
| lecture 13p. 8lecture 04p. 2Dahl, Ole-Johandequelecture 08p. 12lecture 12p. 26DataDereferencinglecture 01p. 8lecture 03p. 7,8,19,20lecture 05p. 16,17Derived classData structurelecture 12p. 4lecture 05p. 17DestructorData structure functionslecture 08p. 18lecture 06p. 23Destructor (default)lecture 07p. 2,3Destructor (default)Data structuresDirect access | | p. 4,8 | lecture08 | p. 15 |
| Dahl, Ole-Johan lecture08 p. 12 lecture12 p. 26 Data Dereferencing lecture01 p. 8 lecture03 p. 7,8,19,20 lecture05 p. 16,17 Derived class Data structure lecture12 p. 4 lecture05 p. 17 Destructor Data structure functions lecture08 p. 18 lecture06 p. 23 Destructor (default) lecture07 p. 2,3 lecture10 p. 10 Data structures Direct access | * * | | Deleting a file | |
| lecture08p. 12lecture12p. 26DataDereferencinglecture01p. 8lecture03p. 7,8,19,20lecture05p. 16,17Derived classData structurelecture12p. 4lecture05p. 17DestructorData structure functionslecture08p. 18lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | p. 8 | lecture04 | p. 2 |
| Data Dereferencing | | | deque | |
| lecture01p. 8lecture03p. 7,8,19,20lecture05p. 16,17Derived classData structurelecture12p. 4lecture05p. 17DestructorData structure functionslecture08p. 18lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | p. 12 | lecture12 | p. 26 |
| lecture05p. 16,17Derived classData structurelecture12p. 4lecture05p. 17DestructorData structure functionslecture08p. 18lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | | Dereferencing | |
| Data structure lecture12 p. 4 lecture05 p. 17 Destructor Data structure functions lecture08 p. 18 lecture06 p. 23 Destructor (default) lecture07 p. 2,3 lecture10 p. 10 Data structures Direct access | | • | lecture03 | p. 7,8,19,20 |
| lecture05p. 17DestructorData structure functionslecture08p. 18lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | p. 16,17 | Derived class | |
| Data structure functions lecture08 p. 18 lecture07 p. 2,3 Destructor (default) lecture07 p. 2,3 lecture10 p. 10 Data structures Direct access | | | lecture12 | p. 4 |
| lecture06p. 23Destructor (default)lecture07p. 2,3lecture10p. 10Data structuresDirect access | | • | Destructor | |
| lecture07 p. 2,3 lecture10 p. 10 Data structures Direct access | | | lecture08 | p. 18 |
| Data structures Direct access | | • | Destructor (default) | |
| Direct access | | p. 2,3 | lecture10 | p. 10 |
| <i>lecture05</i> p. 16,17,21,22 <i>lecture04</i> p. 2 | | | Direct access | |
| | lecture05 | p. 16,17,21,22 | lecture04 | p. 2 |

| Directory operations | | lecture12 | p. 32 |
|--------------------------|-----------------------|------------------------|------------------------|
| lecture04 | p. 3 | else | ρ. 32 |
| dirent.h | p. 3 | lecture01 | p. 21,23 |
| lecture04 | p. 3 | else if | ρ. 21,20 |
| Distribution | p. 0 | lecture01 | p. 23 |
| lecture03 | p. 3 | Encapsulation | p. 20 |
| do while | p. 3 | lecture08 | p. 18 |
| lecture02 | p. 1 | lecture10 | p. 3 |
| Dot reference to structu | • | Encoding | ρ. σ |
| lecture03 | p. 16,20 | lecture01 | p. 9 |
| double | p. 10,20 | lecture02 | p. 9 p. 15 |
| lecture01 | p. 12 | End-of-string marker | ρ. 13 |
| Double quote | p. 12 | lecture01 | p. 14,15 |
| lecture01 | p. 15 | EOF | p. 14,15 |
| Double quotes vs angle | • | lecture02 | p. 9,10 |
| files | B DIACKELS IOI HEADEI | | ρ. 9, 10 |
| lecture02 | n 7 | Epoch lecture03 | n 2 |
| | p. 7 | errno | p. 2 |
| Doubly linked list | n 0 | | n 1 |
| lecture06 | p. 8 | lecture03 | p. 1 |
| Dumping a binary file | 0 | lecture09 | p. 15 |
| lecture04 | p. 3 | errno.h | 4 |
| Dynamic analysis:gdb | | lecture03 | p. 1 |
| lecture09 | p. 22 | lecture09 | p. 15 |
| Dynamic analysis:Valg | | Error checking | |
| lecture09 | p. 22 | lecture02 | p. 2-4 |
| Dynamic data structure | es es | _ lecture03 | p. 1 |
| lecture07 | p. 5 | Error management | |
| Dynamic memory | | lecture02 | p. 4,5 |
| lecture04 | p. 16-18 | Exam | |
| lecture05 | p. 1,2,17-20 | lecture01 | p. 3 |
| Dynamic memory exan | nple | Exam dates | |
| lecture04 | p. 19 | lecture01 | p. 3 |
| | | Example of pointer usa | ıge |
| = | | lecture03 | p. 8 |
| E | | Example: day of the we | eek when you were born |
| | | lecture03 | p. 21-23 |
| Eclipse | | Example: linked list | • |
| lecture09 | p. 22 | lecture06 | p. 4-6 |
| EDP | | Exams | • |
| lecture05 | p. 16 | lecture01 | p. 2-4 |
| Electric-Fence | • | Exception | |
| lecture09 | p. 22 | lecture02 | p. 4,5 |
| Electronic Data Proces | • | lecture12 | p. 14-16 |
| lecture05 | p. 16 | Exception (uncaught) | F • |
| ELLEMTEL | - | lecture12 | p. 17 |
| | | 100101012 | ρ. 17 |

| Exceptions | | lecture06 | p. 8 |
|--------------------------|--------|-------------------------|-------------|
| lecture08 | p. 16 | lecture07 | p. 4 |
| exec() | | FILE | |
| lecture13 | p. 6 | lecture03 | p. 26 |
| lecture13 | p. 7,8 | FILE * | |
| execl() | | lecture03 | p. 25 |
| lecture13 | p. 7 | Files | |
| Executable | | lecture03 | p. 24-26 |
| lecture01 | p. 16 | Final exam | |
| execv() | | lecture01 | p. 3 |
| lecture13 | p. 7 | First In First Out | |
| Expectations | | lecture06 | p. 8 |
| lecture01 | p. 2 | float | |
| Exponent | | lecture01 | p. 12 |
| lecture01 | p. 12 | flock() | |
| Exponential distribution | | lecture04 | p. 2 |
| lecture03 | p. 3 | Flow control | • |
| extern | · | lecture01 | p. 21,23,24 |
| lecture04 | p. 7 | lecture02 | p. 1 |
| lecture04 | p. 7 | fopen() | • |
| lecture09 | p. 14 | lecture03 | p. 25,26 |
| | · | lecture10 | p. 21 |
| _ | | for | • |
| F | | lecture02 | p. 1 |
| | | fork() | • |
| Factorial | | lecture13 | p. 4,5,7 |
| lecture05 | p. 14 | Formatted input and out | • |
| fclose() | | lecture02 | p. 10 |
| lecture03 | p. 25 | fprintf() | • |
| feof() | | lecture02 | p. 10 |
| lecture04 | p. 1 | lecture03 | p. 26 |
| ferror() | | fputc() | • |
| lecture04 | p. 1 | lecture02 | p. 9 |
| fflush() | | lecture04 | p. 1 |
| lecture09 | p. 22 | fputs() | • |
| fgetc() | | lecture02 | p. 10 |
| lecture02 | p. 9 | lecture03 | p. 26 |
| lecture04 | p. 1 | fread() | • |
| fgets() | | lecture04 | p. 1 |
| lecture01 | p. 16 | Free Software Foundati | on (FSF) |
| lecture02 | p. 10 | lecture09 | p. 9 |
| lecture04 | p. 14 | free() | • |
| fgets():Return value | | lecture04 | p. 19 |
| lecture03 | p. 1 | lecture04 | p. 18,21-23 |
| FIFO | | | • |
| FIFU | | Freeing a binary tree | |

| lecture06 friend | p. 16 | lecture04 | p. 1 |
|-------------------------|-------------|--------------------------|--------------|
| lecture10 | n 10 | | |
| fseek() | p. 18 | G | |
| lecture04 | p. 2 | | |
| FSF | ρ. Ζ | g++ | |
| lecture09 | p. 9 | lecture08 | p. 15 |
| ftok() | p. 9 | Garbage collector | p. 10 |
| lecture13 | p. 10,11 | lecture04 | p. 19 |
| Function call | p. 10,11 | lecture08 | p. 19 |
| lecture04 | p. 8-12 | Gateway | p. 10 |
| lecture10 | • | lecture10 | p. 25 |
| Function declaration | p. 2 | gcc | p. 25 |
| | n 6 7 | lecture01 | p. 17 |
| lecture02 | p. 6,7 | lecture01 | p. 7 p. 7 |
| Function identification | - 50 | gcd() | p. <i>1</i> |
| lecture02 | p. 5,6 | lecture04 | n 9 0 |
| Function nesting | | Generic class | p. 8,9 |
| lecture01 | p. 15 | | n 00 0E |
| Function object | | lecture 12 | p. 22-25 |
| lecture12 | p. 27-31 | Generic function | - 47.04.05 |
| Function pointer | | lecture12 | p. 17-21,25 |
| lecture06 | p. 23,24 | Generic tree | |
| Function pointers | | lecture12 | p. 22,23 |
| lecture09 | p. 16,17 | <pre>getaddrinfo()</pre> | |
| Function prototype | | lecture11 | p. 3,8 |
| lecture01 | p. 16 | getchar() | |
| lecture02 | p. 7 | lecture02 | p. 9 |
| Function template | • | getenv() | |
| lecture12 | p. 18-21,25 | lecture13 | p. 7 |
| Function vs method | • | getopt() | |
| lecture10 | p. 16 | lecture03 | p. 15 |
| Function: Pointers as a | • | getpid() | |
| lecture04 | p. 13,14 | lecture11 | p. 11 |
| lecture05 | p. 2,3 | getppid() | |
| Function: returning an | • • | lecture11 | p. 11 |
| lecture04 | p. 11-13 | gets() | |
| Functional programmir | • | lecture02 | p. 10 |
| lecture12 | p. 30 | Git | |
| Functions | ρ. σσ | lecture09 | p. 21 |
| lecture04 | p. 8 | Glib | |
| Functions, nesting | p. 0 | lecture07 | p. 3 |
| lecture02 | p. 6 | lecture09 | р. 18 |
| Functor | p. 0 | Global variable | • |
| lecture12 | n 27 21 | lecture03 | p. 1 |
| fwrite() | p. 27-31 | lecture04 | p. 15 |
| IMITCE() | | | • |

| lecture09 | p. 13,15,16 | lecture04 | p. 3 |
|----------------------|-----------------|---------------------------|-----------|
| gmtime() | | Head of list | • |
| lecture03 | p. 21 | lecture06 | p. 1 |
| Gnome | | Header file | • |
| lecture07 | p. 3 | lecture01 | p. 16 |
| Gnome Tool Kit (GTK) | | lecture02 | p. 7 |
| lecture09 | p. 18-20 | lecture09 | p. 1,2,15 |
| GNU | • | Неар | • • • |
| lecture07 | p. 3 | lecture01 | p. 8 |
| GNU autotools | • | lecture04 | р. 17 |
| lecture09 | p. 9-11 | Help on functions | • |
| GNU Tool Kit (GTK) | • | iecture02 | p. 5 |
| lecture12 | p. 11,13 | Hiding | • |
| Good path | , | lecture12 | p. 8 |
| lecture12 | p. 16 | History of C | |
| Gosling, James | | lecture01 | p. 7 |
| lecture12 | p. 10 | Hoare, Antony | P |
| Grades | | lecture05 | p. 6 |
| lecture01 | p. 4 | Honesty | ρ. σ |
| grep | P | lecture01 | p. 5 |
| lecture13 | p. 3 | HTTP | ρ. σ |
| GTK (Gnome Tool Kit) | p. 0 | lecture11 | p. 7-10 |
| lecture09 | p. 18-20 | HTTPCnx | ρ. / 10 |
| GTK (GNU Tool Kit) | p. 10 <u>10</u> | lecture11 | p. 10 |
| lecture12 | p. 11,13 | httpd | p. 10 |
| gtk.h | p. 11,10 | lecture11 | p. 7 |
| lecture09 | p. 18 | 1001011 | ρ. , |
| GtkWidget | p | | |
| lecture09 | p. 18,19 | | |
| GTK_WINDOW | p. 16,16 | | |
| lecture09 | p. 19 | if | |
| 700147000 | p. 10 | lecture01 | p. 21,23 |
| | | Implementation | , |
| Н | | lecture12 | p. 5 |
| | | In-memory database | • |
| Hanoi (towers of) | | lecture07 | p. 5 |
| lecture05 | p. 15 | Information | μ. σ |
| Hash function | • | lecture05 | p. 16,17 |
| lecture06 | p. 11,12 | Information Technology | • |
| Hash table | , | lecture05 | p. 16 |
| lecture06 | p. 11-13 | Inheritance | l |
| lecture07 | p. 2 | lecture12 | p. 4-10 |
| Hashmap | P | Inheritance (multiple) | p |
| lecture12 | p. 26 | lecture12 | p. 10,11 |
| head | p. – 0 | Inheritance (multiple) vs | |
| | | minoritation (manipie) ve | aggregate |

| lecture12 | p. 11 | Iterator | |
|---|---|---|---------------------------------------|
| Inheritance and C | | lecture12 | p. 26 |
| lecture12 | p. 11-13 | | |
| Initialization of pointer | | J | |
| lecture03 | p. 7,8 | | |
| Initialization of structur | e | | |
| lecture03 | p. 16 | Java vs C | 0.40.44.47.40 |
| Initializing members | | lecture01 | p. 6,12-14,17,18 |
| lecture12 | p. 3 | lecture02 | p. 5 |
| Input/Output | | lecture03 | p. 12,20 |
| lecture02 | p. 9,10 | lecture04 | p. 7 |
| Insertion in a binary tre | ee | java vs C | |
| lecture06 | p. 15,16 | lecture04 | p. 17 |
| int | • | Java vs C | |
| lecture01 | p. 11 | lecture05 | p. 1,2,16 |
| integer operatio | • | lecture06 | p. 23 |
| lecture01 | p. 11 | lecture09 | p. 15-17 |
| Inter Process Commun | • | Java vs C++ | • |
| lecture13 | p. 9-12 | lecture08 | p. 18-20 |
| Interface | p. 5 | lecture10 | p. 13,14 |
| lecture12 | p. 5 | lecture12 | p. 9,10,20,21 |
| iostream | p. 0 | | , , , |
| lecture08 | p. 14 | V | |
| | | | |
| | | K | |
| IPC | • | N. | |
| IPC lecture13 | p. 9,10 | K&R | |
| IPC lecture13 isalnum() | p. 9,10 | | p. 6 |
| IPC lecture13 isalnum() lecture02 | • | K&R | p. 6 |
| IPC lecture13 isalnum() lecture02 isalpha() | p. 9,10 p. 11 | K&R lecture01 | p. 6 p. 6 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 | p. 9,10 | K&R <i>lecture01</i> Keringhan (Brian) | · |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() | p. 9,10 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 | • |
| <pre>IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02</pre> | p. 9,10 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store | p. 6 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() | p. 9,10 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 | p. 6 |
| <pre>IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02</pre> | p. 9,10 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t | p. 6 p. 17 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO | p. 9,10 p. 11 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 | p. 6 p. 17 p. 11 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO lecture02 | p. 9,10 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 | p. 6 p. 17 p. 11 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO lecture02 isprint() | p. 9,10 p. 11 p. 11 p. 11 p. 11 p. 16 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() | p. 6 p. 17 p. 11 p. 10,12 |
| isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 isO lecture02 isprint() lecture02 | p. 9,10 p. 11 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO lecture02 isprint() lecture02 ispunct() | p. 9,10 p. 11 p. 11 p. 11 p. 16 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| <pre>iPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 isO lecture02 isprint() lecture02 ispunct() lecture02</pre> | p. 9,10 p. 11 p. 11 p. 11 p. 11 p. 16 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO lecture02 isprint() lecture02 ispunct() lecture02 ispance() | p. 9,10 p. 11 p. 11 p. 11 p. 16 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 ISO lecture02 isprint() lecture02 ispunct() lecture02 ispace() lecture02 | p. 9,10 p. 11 p. 11 p. 11 p. 16 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 isprint() lecture02 isprint() lecture02 ispunct() lecture02 ispace() lecture02 ispace() lecture02 isupper() | p. 9,10 p. 11 p. 11 p. 11 p. 11 p. 16 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 | p. 6 p. 17 p. 11 p. 10,12 p. 13 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 isprint() lecture02 isprint() lecture02 ispunct() lecture02 isspace() lecture02 isupper() lecture02 | p. 9,10 p. 11 p. 11 p. 11 p. 16 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 L Lab2 hints | p. 6 p. 17 p. 11 p. 10,12 p. 13 p. 15 |
| IPC lecture13 isalnum() lecture02 isalpha() lecture02 isdigit() lecture02 islower() lecture02 isprint() lecture02 isprint() lecture02 ispunct() lecture02 ispace() lecture02 ispace() lecture02 isupper() | p. 9,10 p. 11 p. 11 p. 11 p. 11 p. 16 p. 11 p. 11 p. 11 | K&R lecture01 Keringhan (Brian) lecture01 Key/Value store lecture12 key_t lecture13 lecture13 kill() lecture11 L Lab2 hints lecture05 | p. 6 p. 17 p. 11 p. 10,12 p. 13 p. 15 |

| Landis, Evgenii | | MAC address | |
|-------------------|----------------|------------------------|-----------|
| lecture06 | p. 17 | lecture10 | p. 27 |
| Last In First Out | p. 17 | Macro | p. 27 |
| lecture06 | p. 7,8 | lecture09 | p. 4,5 |
| 1 d | p. 7,0 | main() | p. 1,0 |
| lecture01 | p. 20 | lecture01 | p. 16 |
| libpthread | p. 20 | make | p. 10 |
| lecture13 | p. 15 | lecture01 | p. 7 |
| Library file | P | lecture04 | p. 5,6 |
| lecture04 | p. 6 | lecture04 | p. 4-6 |
| LIFO | P | lecture09 | p. 9 |
| lecture06 | p. 7,8 | Makefile | Γ - |
| lecture07 | p. 4 | lecture04 | p. 5,6 |
| Linked list | r | malloc() | l,- |
| lecture05 | p. 22 | lecture04 | p. 18-20 |
| lecture06 | p. 1-10,13 | lecture05 | p. 20 |
| lecture07 | p. 1 | lecture09 | р. 16 |
| Linker | • | man | • |
| lecture01 | p. 16,17,19,20 | lecture02 | p. 5 |
| lecture04 | p. 7-9 | lecture10 | p. 20 |
| Linux | • | lecture10 | p. 21 |
| lecture01 | p. 2 | Мар | • |
| List | · | lecture12 | p. 26 |
| lecture08 | p. 19 | Marker (end-of-string) | • |
| list | · | lecture01 | p. 14,15 |
| lecture12 | p. 26 | Mathematical functions | |
| listen() | | lecture01 | p. 19,20 |
| lecture11 | p. 4 | Mathematical functions | :Compiler |
| Listener | | lecture01 | p. 19 |
| lecture10 | p. 25 | Mathematical Induction | |
| localtime() | | lecture05 | p. 10 |
| lecture03 | p. 21 | Mathematical induction | |
| Locking a file | | lecture05 | p. 8-10 |
| lecture04 | p. 2 | Matrix example | |
| Logical operators | | lecture09 | p. 2,3 |
| lecture01 | p. 23 | Maurolico, Francisco | |
| long | | lecture05 | p. 9 |
| lecture01 | p. 11 | MD5 | |
| lecture01 | p. 11 | lecture06 | p. 12 |
| Loop | | memory | |
| lecture02 | p. 1 | lecture01 | p. 8 |
| | | lecture01 | p. 8 |
| M | | Memory address | _ |
| ••• | | lecture01 | p. 9,10 |
| | | Memory leak | |

| <i>lecture04</i> Mercurial | p. 22 | lecture09 | p. 3 |
|-------------------------------|------------|-----------------------------------|----------|
| lecture09 | p. 21 | Multiple inheritance lecture12 | p. 10,11 |
| Message nesting | ρ. Σ1 | Multiple inheritance vs | • |
| lecture 10 | p. 27 | lecture12 | p. 11 |
| Message queue | ρ. 21 | Multiple processors | ρ. 11 |
| lecture13 | p. 9-11,13 | lecture13 | p. 13,14 |
| Method | p. 9-11,13 | | μ. 13,14 |
| lecture06 | n 04 | Multitasking lecture13 | n 10 15 |
| | p. 24 | | p. 13-15 |
| Method definition | n 10 | Multithreading | n C |
| lecture08 | p. 18 | lecture11 | p. 6 |
| Method hiding | ~ C | Mutex | m 0.0 |
| lecture 12 | p. 8 | lecture14 | p. 2,3 |
| Method overloading | ~ 0.0 | | |
| lecture 12 | p. 8,9 | N | |
| Method overriding | - 0 | | |
| lecture12 | p. 8 | Name of variable | |
| Method vs function | - 40 | lecture01 | p. 9 |
| lecture10 | p. 16 | namespace | μ. 9 |
| Methods | 4- | lecture08 | p. 14 |
| lecture08 | p. 17 | lecture12 | • |
| lecture09 | p. 1 | | p. 1-3 |
| Methods in structures | 10 | Naming a structure lecture03 | n 16 17 |
| lecture08 | p. 18 | | p. 16,17 |
| Midcourse exam | _ | Naming of classes, me | |
| lecture01 | p. 3 | ndbm.h | p. 3,4 |
| MidCourse Exam | | lecture12 | n 17 |
| lecture08 | p. 1-10 | Nested structures | p. 17 |
| Mixing C++ and C | | lecture12 | n 10 |
| lecture10 | p. 1,2 | | p. 12 |
| <pre>mktime()</pre> | | Nesting functions | n C |
| lecture03 | p. 21 | lecture02 | p. 6 |
| msgctl() | | Network programming | m 00 00 |
| lecture13 | p. 11 | lecture10 | p. 22-28 |
| msgget() | | lecture11 | p. 1-6 |
| lecture13 | p. 10 | Networks | · 07.00 |
| msgrcv() | | lecture10 | p. 27,28 |
| lecture13 | p. 10 | new | n 15 |
| msgsnd() | 10 | lecture08 | p. 15 |
| lecture13 | p. 10 | lecture09 | p. 16 |
| Multi-threading | | nm | n 11 |
| lecture04 | p. 15,16 | lecture09 | p. 14 |
| Multidimensional array | 10 | Node | n 01 00 |
| lecture03 | p. 13 | lecture05 | p. 21,22 |
| Multiple inclusions | | Non binary tree | |

| lecture06 | p. 20-23 | lecture12 | p. 27,29 |
|-------------------------|-----------|------------------------|----------------|
| Normal distribution | | Or (logical operator) | |
| lecture03 | p. 3 | lecture01 | p. 23 |
| Not (logical operator) | | Order | |
| lecture01 | p. 23 | lecture05 | p. 20,21 |
| NULL | | lecture07 | p. 5 |
| lecture02 | p. 10,13 | Orderly termination | |
| lecture03 | p. 1,7 | lecture13 | p. 1 |
| Nygaard, Kristen | | ostream | |
| lecture08 | p. 12 | lecture10 | p. 17 |
| Nygard, Kirsten | | Output overloading | |
| lecture08 | p. 12 | lecture10 | p. 17 |
| | • | Over-engineering | |
| | | lecture07 | p. 5 |
| O | | Overflow | · |
| | | lecture02 | p. 12 |
| Object | | Overloading | • |
| lecture08 | p. 19 | lecture02 | p. 5 |
| Object creation/destruc | etion | lecture08 | p. 16 |
| lecture10 | p. 4-6 | lecture10 | p. 2 |
| Object modelling | • | lecture12 | p. 8,19 |
| lecture12 | p. 31 | Overloading output ope | • |
| Object Oriented Progra | • | lecture10 | p. 17 |
| lecture09 | p. 17 | Overriding | ρ. 17 |
| Object reference | г | lecture12 | p. 8 |
| lecture08 | p. 19 | Overriding (template) | ρ. υ |
| Object-Oriented Progra | • | lecture12 | p. 25 |
| lecture06 | p. 24 | Overview | ρ. 23 |
| od | p. = . | lecture14 | p. 4-8 |
| lecture04 | p. 3 | lecture 14 | ρ. 4-0 |
| Operating system | ρ. σ | _ | |
| lecture10 | p. 20,21 | P | |
| operator | p. 23,2 . | | |
| lecture08 | p. 14,15 | Pango | |
| Operator (assignment) | p, | lecture09 | p. 18 |
| lecture10 | p. 18-20 | Parent class | ρ. 10 |
| Operator (copy) | p. 10 20 | lecture12 | p. 4 |
| lecture10 | p. 19,20 | Parent process | р. т |
| Operator as function | p. 10,20 | lecture11 | p. 12 |
| lecture10 | p. 17-19 | Pascal, Blaise | ρ. 12 |
| Operator as method | p. 17 10 | lecture05 | p. 9 |
| lecture10 | p. 17-19 | PATH | ρ. σ |
| Operator overloading | P. 17 10 | lecture13 | p. 7 |
| lecture 10 | p. 15,16 | pclose() | ρ. / |
| operator() | p. 10,10 | lecture13 | p. 2,3 |
| -1// | | 100101010 | p. <i>L</i> ,0 |

| perror() | | lecture12 | p. 19 |
|------------------------|--------------|-----------------------------|----------------------|
| lecture03 | p. 1 | printf() | p. 13 |
| Persistence | ρ. ι | lecture02 | p. 8,10 |
| lecture07 | p. 6 | Priorities | p. 0, 10 |
| pid_t | ρ. σ | lecture06 | p. 8 |
| lecture11 | p. 11 | private | ρ. σ |
| Pipe | P. | lecture12 | p. 5,6 |
| lecture02 | p. 9 | lecture12 | p. 6,7 |
| Pivot | ρ. σ | Process | ρ. σ,. |
| lecture05 | p. 6-8 | lecture10 | p. 20,21 |
| Pointer | p. 0 0 | lecture11 | p. 11,12 |
| lecture01 | p. 10 | lecture13 | p. 1,14 |
| lecture03 | p. 4-8,19,20 | Process id | P · · · · · · |
| lecture05 | p. 1,2 | lecture11 | p. 11 |
| Pointer arithmetic | F | Project | P |
| lecture03 | p. 10,11 | lecture09 | p. 1 |
| Pointer on a function | p , | Propagation of exception | • |
| lecture06 | p. 23,24 | lecture12 | p. 16,17 |
| Pointer on structure | F) | protected | 1, |
| lecture03 | p. 19,20 | lecture12 | p. 6,7 |
| Pointer to a file | - | Protocol | , , |
| lecture03 | p. 25 | lecture10 | p. 25 |
| Pointer vs array | • | lecture11 | р. 7 |
| lecture03 | p. 6,8,9,12 | Prototype (function) | • |
| Pointers | , , , | lecture01 | p. 16 |
| lecture04 | p. 11,12 | lecture02 | р. 7 |
| Pointers as arguments | • | ps | • |
| lecture04 | p. 13,14 | lecture11 | p. 12,13 |
| lecture05 | p. 2,3 | lecture13 | p. 2,3 |
| Pointers as parameters | S | pthread.h | |
| lecture06 | p. 2,3 | lecture13 | p. 15 |
| Pointers to functions | | <pre>pthread_create()</pre> | |
| lecture09 | p. 16,17 | lecture13 | p. 16 |
| popen() | | pthread_exit() | |
| lecture13 | p. 2,3 | lecture13 | p. 16 |
| Port | | <pre>pthread_join()</pre> | |
| lecture10 | p. 25,26 | lecture13 | p. 16 |
| lecture11 | p. 4 | lecture14 | p. 2 |
| Portability | | public | |
| lecture09 | p. 6-9 | lecture08 | p. 18 |
| pptx | | lecture12 | p. 6,7 |
| lecture04 | p. 3 | putchar() | _ |
| Preprocessor | | lecture02 | p. 9 |
| lecture01 | p. 16-18,20 | puts() | |
| lecture09 | p. 3-6,8,9 | lecture02 | p. 10 |
| | | | |

| 0 | | Return value from mair lecture01 | n() p. 16 |
|------------------------|----------------|----------------------------------|--------------|
| Q | | Ritchie (Dennis) | |
| Ouglity | | lecture01 | p. 6,7 |
| Quality lecture01 | n 5 | Ritchie, Dennis | . 0 |
| Queue | p. 5 | lecture01 | p. 6 |
| lecture12 | n 26 | lecture14 | p. 5,8 |
| lecture 12 | p. 26 p. 15 | Robustness | _ |
| Quick-sort | p. 15 | lecture01 | p. 5 |
| lecture05 | p. 6-8,11-14 | Root | 44 |
| Quiz 1 | p. 0-0,11-14 | lecture06 | p. 14 |
| lecture07 | n 6 9 | Rounding error | - 40 |
| lecture07 | p. 6-8 | lecture01 | p. 12 |
| | | Router | - 05 |
| R | | lecture10 | p. 25 |
| Dana andikina | | S | |
| Race condition | . 45 | 3 | |
| lecture13 | p. 15 | - 44 | |
| Radix | 10 | scanf() | |
| lecture01 | p. 12 | lecture01 | p. 16 |
| random() | | lecture02 | p. 3,4,10 |
| lecture03 | p. 2,3 | lecture04 | p. 14 |
| read() | 0.5 | SCCS | |
| lecture11 | p. 3,5 | lecture09 | p. 21 |
| Reading ZIP or XML | . 0 | Schedule | |
| lecture04 | p. 3 | lecture01 | p. 1 |
| realloc() | m 40 | Search | |
| lecture04 | p. 18 | lecture06 | p. 9,10 |
| lecture05 | p. 19,20 | lecture07 | p. 5 |
| Recursion | 40.45 | search.h | |
| lecture05 | p. 10-15 | lecture07 | p. 2 |
| lecture06 | p. 5,6 | lecture12 | p. 22 |
| Recursion vs loops | | Searching | |
| lecture05 | p. 14 | lecture12 | p. 27 |
| recv() | 0.5 | Self-managing list | |
| lecture11 | p. 3-5 | lecture06 | p. 8 |
| Reentrant | | Semaphore | |
| lecture13 | p. 15 | lecture13 | p. 9,11,12 |
| Reference | _ | semctl() | |
| lecture03 | p. 7 | lecture13 | p. 12 |
| Reference to structure | | semget() | |
| lecture03 | p. 16 | lecture13 | p. 12 |
| Return value | | Semi-colon | |
| lecture02 | p. 3,4,8 | lecture01 | p. 15 |
| | | | |

| semop() | | lecture13 | p. 13 |
|-----------------|------------|--------------------------|-----------------|
| lecture13 | p. 12 | Signal handler | • |
| send() | • | lecture11 | p. 15 |
| lecture11 | p. 5 | signal() | • |
| lecture11 | p. 3,4 | lecture11 | p. 15 |
| Serve | • | lecture11 | p. 16 |
| lecture11 | p. 4 | signal.h | 1- |
| Server | • | lecture11 | p. 13,15 |
| lecture11 | p. 4 | Signals | , |
| lecture13 | p. 14,15 | lecture11 | p. 13,14 |
| Set | • | lecture13 | p. 1 |
| lecture12 | p. 26 | signed | • |
| setlocale | • | lecture01 | p. 11,12 |
| lecture02 | p. 15 | SIGSTOP | • |
| setlocale() | | lecture11 | p. 15 |
| lecture03 | p. 3 | sig_t | |
| set_terminate() | | lecture11 | p. 15 |
| lecture12 | p. 17 | Simula | |
| SHA1 | | lecture08 | p. 12 |
| lecture06 | p. 12 | Single quote | |
| Shallow copy | | lecture01 | p. 15 |
| lecture10 | p. 14 | sizeof() | |
| Shared library | | lecture03 | p. 6,13 |
| lecture04 | p. 7 | Socket | |
| Shared memory | | lecture11 | p. 1-3 |
| lecture13 | p. 9,11,14 | socket() | |
| shmat() | | lecture11 | p. 2 |
| lecture13 | p. 11 | Sorting | |
| shmctl() | | lecture05 | p. 6-8,11-14,19 |
| lecture 13 | p. 11 | lecture12 | p. 27 |
| shmget() | | Source control | |
| lecture13 | p. 11 | lecture09 | p. 20,21 |
| short | | Specialization | |
| lecture01 | p. 11 | lecture12 | p. 5 |
| Side-effects | _ | Specialization (template | e) |
| lecture09 | p. 5 | lecture12 | p. 25 |
| sigaction() | | Splitting code | |
| lecture11 | p. 16 | lecture09 | p. 11,12 |
| SIGCHLD | | sscanf() | |
| lecture13 | p. 5 | lecture01 | p. 16 |
| SIGINT | | Stack | |
| lecture13 | p. 1 | lecture01 | p. 8 |
| SIGKILL | m 45 | lecture04 | p. 9-12 |
| lecture11 | p. 15 | lecture12 | p. 26 |
| Signal | | Stack trace | |

| lecture12 | p. 16 | lecture12 | p. 25-31 |
|------------------------|--------------|--------------------------|-------------|
| Stallman, Richard | | Strategy | |
| lecture09 | p. 9 | lecture06 | p. 7,8 |
| Standard C++ library | | strcasecmp() | |
| lecture08 | p. 15 | lecture02 | p. 13 |
| Standard Template Lib | orary (STL) | strcat() | |
| lecture12 | p. 25-31 | lecture02 | p. 12 |
| static | | strchr() | |
| lecture04 | p. 7,16 | lecture02 | p. 13 |
| lecture04 | p. 16 | strcmp() | |
| lecture09 | p. 14 | lecture02 | p. 12,13 |
| lecture09 | p. 13,14 | strcpy() | |
| Static analysis:oclint | | lecture02 | p. 12 |
| lecture09 | p. 22 | strdup() | |
| Static function | | lecture04 | p. 18 |
| lecture09 | p. 14 | lecture05 | p. 18 |
| Static variable | • | Stream | |
| lecture04 | p. 16 | lecture02 | p. 9 |
| static_cast | · | Stream redirection | |
| lecture12 | p. 31 | lecture03 | p. 24 |
| std | · | strerror() | |
| lecture08 | p. 14 | lecture03 | p. 1 |
| stderr | • | String | |
| lecture02 | p. 9 | lecture01 | p. 10,14,15 |
| lecture02 | p. 9 | string | |
| lecture03 | p. 1 | lecture08 | p. 15 |
| lecture10 | p. 1 | String array | |
| stdin | · | lecture03 | p. 12,13 |
| lecture02 | p. 9 | String comparison | |
| lecture02 | p. 9,10 | lecture02 | p. 12,13 |
| lecture03 | p. 24,25 | String conversion to nu | ımber |
| stdio.h | · | lecture03 | p. 1 |
| lecture03 | p. 25 | String declaration | |
| stdlib.h | | lecture03 | p. 11 |
| lecture03 | p. 1 | String search | |
| lecture04 | p. 18 | lecture02 | p. 13 |
| lecture11 | p. 12 | string.h | |
| stdout | | lecture02 | p. 11-13 |
| lecture02 | p. 9,10 | lecture04 | p. 18 |
| lecture02 | p. 9,10 | Strings | |
| lecture03 | p. 24,25 | lecture02 | p. 11-13 |
| lecture10 | p. 1 | lecture03 | p. 1 |
| Stepanov, Alexander | | strlen() | |
| lecture12 | p. 26 | lecture02 | p. 11 |
| STL (Standard Templa | ate Library) | <pre>strncasecmp()</pre> | |
| | | | |

| lecture02 | p. 13 | lecture03 | p. 16 |
|--------------------------|----------------|----------------------------------|------------------|
| strncat() | | Structure naming | |
| lecture02 | p. 12 | lecture03 | p. 16,17 |
| strncmp() | | Structures | |
| lecture02 | p. 12,13 | lecture03 | p. 15-20 |
| strncpy() | | Subprocess | |
| lecture02 | p. 12 | lecture13 | p. 4-7 |
| Strong typing | | Subversion | |
| lecture12 | p. 18 | lecture09 | p. 21 |
| Stroustrup, Bjarne | | super() | |
| lecture08 | p. 11-14 | lecture12 | p. 4 |
| lecture10 | p. 13 | switch | · |
| strrchr() | • | lecture01 | p. 24 |
| lecture02 | p. 13 | Synchronization | · |
| strsep() | • | lecture13 | p. 15 |
| lecture02 | p. 14 | lecture14 | p. 2-4 |
| lecture12 | p. 28 | System call | P: = . |
| strstr() | 1- | lecture10 | p. 21 |
| lecture02 | p. 13 | System calls | p. 21 |
| strtod() | P | lecture10 | p. 20 |
| lecture03 | p. 1 | System V | p. 20 |
| strtok() | β | lecture10 | p. 22 |
| lecture02 | p. 13,14 | system() | ρ. ΖΖ |
| strtok_r() | ρ. 13,11 | lecture11 | p. 12,13 |
| lecture12 | p. 28 | lecture13 | p. 12,13 p. 2 |
| strtol() | p. 20 | lecture 13 | ρ. Ζ |
| lecture03 | p. 1 | <u></u> | |
| Struct | ρ. 1 | T | |
| lecture03 | p. 20 | | |
| struct | p. 20 | Tail pointer | |
| lecture03 | p. 15,17,20,23 | Tail pointer <i>lecture06</i> | n 70 |
| lecture03 | | TCP | p. 7,8 |
| | p. 16-20 | _ | n 7 |
| lecture05 | p. 17 | lecture11 | p. 7 |
| lecture09 | p. 2 | TCP/IP | - 05 00 |
| struct (C++) | 47 | lecture10 | p. 25,26 |
| lecture08 | p. 17 | TCPAcceptor | 4 = |
| struct addrinfo | - 0.0 | lecture11 | p. 4,5 |
| lecture11 | p. 2,3 | TCPConnector | |
| struct tm | . 04 | lecture11 | p. 4,5,10 |
| lecture03 | p. 21 | TCPStream | |
| Structure alignment | | lecture11 | p. 4,5,10 |
| lecture03 | p. 18 | tdelete() | |
| Structure and pointer | | lecture12 | p. 22 |
| lecture03 | p. 19,20 | template | |
| Structure initialization | | lecture12 | p. 19,20 |
| | | | |

| Template (Class) | | lecture02 | p. 11 |
|-------------------------|-------------|----------------------|-------------|
| lecture12 | p. 23,24 | Tools | |
| Template (class) | | lecture09 | p. 1 |
| lecture12 | p. 22,24,25 | toupper() | |
| Template (function) | | lecture02 | p. 11 |
| lecture12 | p. 18-21,25 | Towers of Hanoi | |
| Template specialization | 1 | lecture05 | p. 15 |
| lecture12 | p. 25 | Tree | |
| Templates | | lecture06 | p. 13,20-23 |
| lecture12 | p. 20,21 | lecture07 | p. 1,2,4 |
| Testing | | lecture12 | p. 22,23 |
| lecture10 | p. 1 | try | |
| tfind() | | lecture08 | p. 16 |
| lecture12 | p. 22 | tsearch() | |
| this | | lecture12 | p. 22 |
| lecture10 | p. 4 | twalk() | |
| Thomson (Ken) | | lecture12 | p. 22 |
| lecture01 | p. 7 | typedef | |
| Thomson, Ken | | lecture03 | p. 17 |
| lecture01 | p. 6 | lecture09 | p. 2 |
| lecture14 | p. 5 | typename | |
| Thread | | lecture12 | p. 20 |
| lecture13 | p. 14-16 | Typing | |
| lecture14 | p. 1-4 | lecture12 | p. 17 |
| Threads | | | |
| lecture09 | p. 16 | U | |
| lecture11 | p. 6 | 0 | |
| throw | | | |
| lecture08 | p. 16 | Uncaught exception | |
| lecture12 | p. 15 | lecture12 | p. 16,17 |
| Time functions | | Unexpected exception | |
| lecture03 | p. 2,20,21 | lecture12 | p. 16 |
| time() | | Unicode | |
| lecture03 | p. 2,21 | lecture02 | p. 15,17,18 |
| time.h | | union | |
| lecture03 | p. 21 | lecture03 | p. 23 |
| lecture03 | p. 2,21 | lecture03 | p. 24 |
| timegm() | | unistd.h | _ |
| lecture03 | p. 21 | lecture09 | p. 8 |
| time_t | | UNIX | _ |
| lecture03 | p. 21 | lecture01 | p. 6 |
| lecture03 | p. 2 | Unix | _ |
| Tokenizing | | lecture01 | p. 7 |
| lecture02 | p. 13,14 | lecture14 | p. 5 |
| tolower() | | Unix pipe | |
| | | | |

| lecture02 unlink() | p. 9 | W | |
|------------------------|----------------|---------------------------------------|----------|
| lecture04 | p. 2 | | |
| unsigned | | wait() | |
| lecture01 | p. 11,12 | lecture13 | p. 6 |
| UTF-16 | | waitpid() | |
| lecture02 | p. 17 | lecture13 | p. 6 |
| UTF-32 | | Walking a binary tree | - 40 |
| lecture02 | p. 17 | lecture06 | p. 16 |
| UTF-8 | | Wall gcc flag | |
| lecture02 | p. 15,18 | lecture09 | p. 22 |
| | | wchar | - 444F |
| V | | lecture02 | p. 14,15 |
| • | | while | n 1 |
| Mariable de alexation | | lecture02 | p. 1 |
| Variable declaration | - 0 | Wide char | n 1/1E |
| lecture01 | p. 9 | lecture02 | p. 14,15 |
| Variable name | - 0 | Wikipedia reference for lecture 10 | • |
| lecture01 | p. 9 | wine | p. 15 |
| Variable number of par | | lecture09 | n 7 |
| lecture02 | p. 6 | write() | p. 7 |
| vector | ~ 10.00 | lecture11 | n 2 E |
| lecture08 lecture12 | p. 19,20 | lecture i i | p. 3,5 |
| virtual | p. 26,29 | W | |
| lecture12 | p. 10 | X | |
| lecture12 | p. 10 p. 10 | | |
| Virtual machine | p. 10 | Xcode | |
| lecture09 | p. 7 | lecture01 | p. 7 |
| Virtual method | p. 7 | lecture09 | p. 22 |
| lecture12 | p. 10 | XML | • |
| Visual C++ | p. 10 | lecture04 | p. 3 |
| lecture09 | p. 22 | | • |
| Visual Studio | P | V | |
| lecture01 | p. 7 | T | |
| void | P | | |
| lecture04 | p. 13 | Yhread | |
| void* | p. 10 | lecture13 | p. 15 |
| lecture04 | p. 18 | | |
| Von Neumann (John) | • | Z | |
| lecture01 | p. 8 | | |
| Von Neumann, John | • | 7TD | |
| lecture04 | p. 9 | ZIP | n 2 |
| | | lecture04 | p. 3 |
| | | Zombie process | |