9th C++11 Deitel 2. C++, The complete Reference Merbert Schildt antine: _____ cp hisplus.com

tutorialspoint / cpluplus Final exam (40% them) Grading Policy: & Pt. Midterm exam (60% here 40% roby) 5 Pt. Final Project 3 pt. exercises 374. class Activities 21

Ref. 1. C++ How to program Deitel &

1. Basics & concepts course syllabus: 2. A quick review on C 3. C vs. C++ 4. 00P with C++ 4_1. (miepts & basics (class, obj....) 4-2. Template class & functions 4.3. Function & operator overloading 4-4 Inheritance 4-5 Polymorphism 4-6 Object-Oriented Design 4-7 Name Spaces 4-8 GUI Programming with Qx 4-9 Exception Mandling STL (Standard Template 4-10 Library) 4-11 Malfi threading
4-12 Socket Programing
4-13 web programing

Programming Paradigm (- Machine Gode X)

- Assembly Code

Mov Ax, BX

if for white |-Migh level language

-> Procedural (C, coBol....

High-level language

C++ ~> C with classes

Strougtrop simula 67

C++ 95

98

UB

11

17

20

To make effective use of Object Griented

Principles, requires one to view the world in

a new fashion. Buf simply using an Object

Oriented language (such as C++) does not, by itself

force one to become Object-Oriented

An introduction on OOP

By Timothy Budd

Data Type Primitive Sint -> 4byte

(Primary)

Float 4 byte

double 8 byte user defined -> typedef...
Derived -> Struct

Array

union
enum nt x x+2

Signed unsigned 129; 7-16~ 1 byte 0 10 0 11 75 ec 14 1 5 c

pint (1//s ", —) / 4] _ 123 /- 10 d scanf ("/s", 8+1) 3canf ("1.d / 1.d", & year, & month,
12/abc.--< Stdio. h>

oinser ox abf2. - #100 int %; n= 12; ox Helass. Ptr = & x; Printf ("1.d", *Par) Print L ("1.P, P+r) 28ff... (*P+Y)++ int * a, *b; tri

*P+r