main() } BigInt n1 (5); Big Int ma (10); spertor overloaded no such as member func. m1. operator == CS x operator == (n1,5) oriolard spirator as

clan BigInt (formalic: par décarace == (rey no) { if (num == no) redurn toue; return false;

Big Int n1 (10); int i = 5; Sparato == (i, n1) - 201 - Slubal function. Sperator == (wit no, BisInt of) { (no == [obj o num] acc using return tour; private member in return false; voer- seerepes function.

Sperchor == (int no, BisInt obj) ? return (obj == no); make global function a friend of BigIst dan. Clan Big Int ? operator == (vit, BigInt); had is a friend of BigInt

operator == (vint no, BigInt obj) } V allowed if (no == \(\forall \), num)-> en accessed return true; in a friend veturn false; Aundion. mair () n1 (5); BisInt m2 (10); BigInt n1. Sperator + (n2) BisInt 0 = (n1 + n2

clan Big Int ? Big Int operator + (Big Int obj 2) } & wblic: BigInt result; resul. num = num + doj2. num; return result; Sperator over loading. Unary

int main () } BisInt n1 (10); BisInt n2; n2 = [++n1] > n1. Sperctor ++() clan BigInt { this Public: BigInt Specator ++() t+num; odurn & this;

main () { m1 (10); Big Int Por victement n1. oferator ++() ++ 27 n1. Sperctor ++ (0) Post increment some placeholder Vinto Ser Big Int ? 1 function crogument BigInt Sperator ++ (int) ? Sprional Bublic: NY Big Int result (*this); definedion ++num; 451/

3 return result; Big Int result initalize Object define en Object with the with name value Toouth Soject pointed by tons object type =? BisInt

wit c (10); (i) j (i); wit xp= Sig

BigInt na (10); Big Int n2 (n1); Call parameterised constructor constructor taking one int as argument

class Areay ? we don't want to change array size. mit & data; Const wit size; Bublie : Array (mt n): Size (n) { size in const data = (mt *) malloc (size A (mt) static int temp;

if ((i < 0) 1) (i >= size)) { to validate Jeturn temp;

vetuen data [i]; ~ Array() } free (data); } (nt main() { are 1 Array are (5); datu 01234 (an 1 Co) = 1; art. operator [] (0) It ralue of this expression i's reference to oth dement in array

1. ralue => address J- value Eschenian not defined 5 = 6;X value stoord address of 1 - not défined value of the eschemian address street Contents of addres stood in P * p = 6; ~ 1 () LA * +IL() { static wit a; * f10 =5 seguen fa;

mts f20) { f2() = 6; State int y; return y; Exercise void f1 (Array obj) } obj [0]= 1;

++ Sbj [1];

int main () } Vee oil ares (2); f1(are1); Acray are 2 (ares); and[0]=5; std: cont 22 cors [0]; 8td:: cont << are 2 [0];

new delite $\sqrt{>}$ malloc fundions - Sperctors -> malloc allocates - new allocate sermoed for a Abe block of bytes X * b = (X *) maller (xix b - (x));Clam X § : allocate memors fore (b); =) fore the memory Xx = new X(); -> allo cate remove y

de lete 9; = free the Soj-ar = new X [5]. - allo cate rosemon for array of 5 objects -> Call default constructor for each object. not correct delete -> call destancher for front fore sections for array or objects

- fece sermost for all Object how to foce romon for a delete [] arow A Spircts -> call destoucts for all objects - fore rosemon too all