	Nou/Pec 2016	
	Module -I	
2 · A		
0)	No:	
	The second secon	
b)	#indyde < iostnean 7	
19.3	cuing name space sld.	
	class A	
	& public:	(B)
	AC)	
	¿ cout << "A"; }	
	3;	
	Epublic: BC) & g	
	& public: BC) & g	
	3;	
	clars c: public B	
	2 public: CC)	
	3 3;	
	class D &	19/4
	2 coule < "D; } >,	
	SI Illie E ()	
	class E: public C, public D  9 public : E ()  2 contac "D";	
	3 3;	

clas F:B, vintual E { public:f()
{ coulx "f"; int maine) EFF; return o', output ABCODABE Demenstrate with the help of c++ code how runtine polymorphismis reformed by the c++ compilie ceing vT table. class Employee & public: virtual void raise salonys { It common raise salay code \*1.3 virtual void promote 2/+ common promote code +/3 clas Manager: public Employee I vintual void raise\_salay () à 1+ Mongger specify raine salony code, +/3 sisteral void premotes

to vlatile oft is maintained per object confilice adds additional code at a places every constructor: the cade sets uptr of the being created this code set upto to point cince upto is of derived template < class x class y > void som (x a, x 6 coul << a+ b << end!

intillizing; double di, de, il=10; 12= 12; d1 = 12340 ; d2 = 499090; sum (il, de), ecterno; 3 is this rede som accepts a percenter with different datality But at scentime 2 parametr with same data type (int) have been passed will there pe an error in this program? yes: no matching Jundion for call to & som 'sum (int & doubles)' b). What is template specilization? Explain with squax. to template < class T> void for (To) Ecout << "the main template fon ()" << 0 << 0 dl) 3 11 template specialization void Jun (inta) couter" specialized template for int type "200 cond). int main() & jon < chan > ('a'). lon x int > (10); funcial 3;

here we have general template force for all data type except int. for int, there is a specialized version of forces. Module - 4 Sketch: ain of sketching is to help commen cate Hernatice about what we are going to do. Her were as a sheld bet is the guired to be communicated colleagues that i have visualize before the programme The serve - engineering, i can else sket some part of the system works. Sketches document, in which care the focus is rather completeness. 2) Bluepeints : It is a bout complèteness : the forward enginey the idea isthat the bluepeint are developed designers that large over all the delails code in a form of a design. be able or all delais to a particular orial blueperati bleepeint code an interactive geosphical show every delate about a class in a greath to cenderst and.

programming language: developers draw our diagraems that are confilted directly to executable code, and the one because the source code. h) Draw and Care diogram poor a video store aestoner Rental name: string day Rented int get Name (): String get day Reddl int Statement (): string gethorie: Novie amount for (Renta) get charge (Rental) Movie Price Code: int title string New Release: int Regular: int get Price code ): int get title c): string set price code ( pint)

Drow cere care diag for a college likery system Mainlainlaok

MAY/June 2016 gramic binding achied in cit; Explain what will be the public: vintual void forc ();

5) Trace the output or correct if coron # indade < 1'ostrian > # include < iomaip? lesing namespace std; Oint maines { [(ati) ] (= i+0.25) & coul- precision (5); Cout width (7); Coutacii coutex width (10); cout 1x ix i 1x " \n"; (out << set w (10) << "total = "exsetw (7) << set precisia (3) exseliosflag (ios: showpointlios: fixed) return o; c) Difference between manipulators and ios fencios s in implanedadios

1) 10s function recternada e which manipulators doesnot

2. we can not cereale own ios function while we can

viewe our over main pulators. 3) ios junction con single and not possible to be applied 4) ios function need xiostreans while manipulator need Llomais? 5) ios junction au memba junction cetile manifectator ar non member functions