


National University of Computer and Emerging Sciences, Lahore Campus

	Course:	Object Oriented Programming	Course Code:	
	Program:	BS(Computer Science)	Semester:	Fall 2019
	Topic:	Inheritance	Total Marks:	10
	Due Date:	24th October,2019	Weight	%
	Section:	B	Page(s):	1
	Exam:	Quiz 4	Reg. No	

You are given 3 classes A, B, C. Give output of the following

<pre> class A { public: virtual void print(); virtual ~A() { cout << "Destructor of A" << endl; } }; void A::print() { cout << "----A----" << endl; } </pre>	<pre> class B :public A { public: void print(); ~B() { cout << "Destructor of B" << endl; } }; void B::print() { cout << "----B----" << endl; } </pre>
<pre> class D :public B { public: virtual void print() { cout << "----D----" << endl; } ~D() { cout << "Destructor of D" << endl; } }; </pre>	<pre> void main() { { A a; D Z; A * p1 = &a; A * p3 = new D; B * p4 = &Z; p1->print(); p3->print(); p4->print(); delete p3; } _getch(); } </pre>

Solution:

[illegible]

