CSF 241-501 Final Examination Mahammed Bedson

I hereby pledge that I will strictly adhere to 1801042697 Millipato

accordence integrity codes and the work done

on this examination is solely my own and I will not receive / give any help

from/to any body or source during this examination.

- What is the sticing Problem in C++? Does have a sticing Problem?

- What are the different beetween move constructor and copy constructor?

a) Slicing problem is when you want to assignt to Derived to Base (Base *= Nerived). Some properties which derived has but Base don't have You cannot reach these properties from base class pointer because Base points don't how about they are existing. This return you as losing some data).

class B: public A?

public:

A (int x) & this.x = x3

Virtual NA() & 3;

private:

Int x;

Int main() & y:

A *a; ()2

A *a; (a > x; \/

8 b; (a > y; \times x)

b) Move constructor is provide us not creating temp obj to assign another object, it give us faster program and less memory space.

Copy constructor is taking a object and copying their properties one by one to itself

Let say;

We have *str is pointing to obj.

and we using this copy constructor we need to copy all character in it one by one this

*str -> | A | C |

Character are copied

But move constructor: