

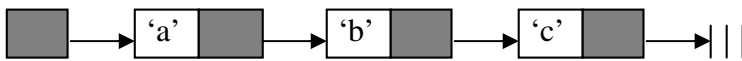
C201 Review Questions #11

For the given list below and with the type declarations also given, answer the following questions.

```
struct Node
{
    char Ch;
    Node *Link;
};

typedef Node* NodePtr;
```

List



Answer following questions pertaining to above list

- 1) What is the node containing 'a' called?
- 2) Devise a statement that would replace the 'a' with an 'A'.
- 3) What is the value held in the Link field of the last node?
- 4) What would happen if the statement "List = new(nothrow) Node;" is executed?
- 5) What would happen if the statement "delete List;" is executed?
- 6) Devise a series of statements that inserts a node containing 'x' just before the node containing the 'a'.