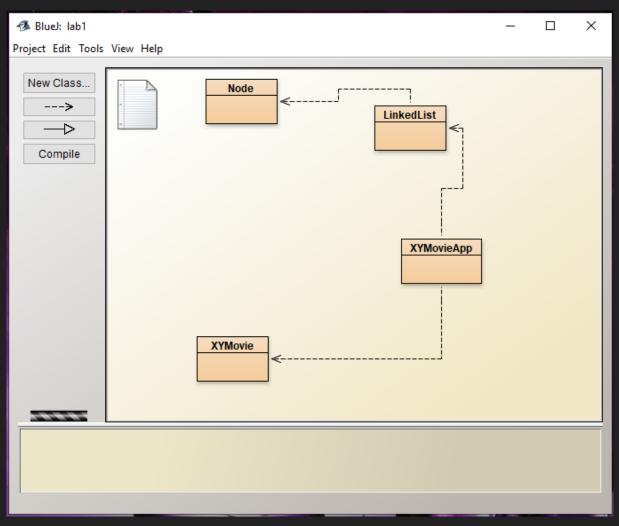
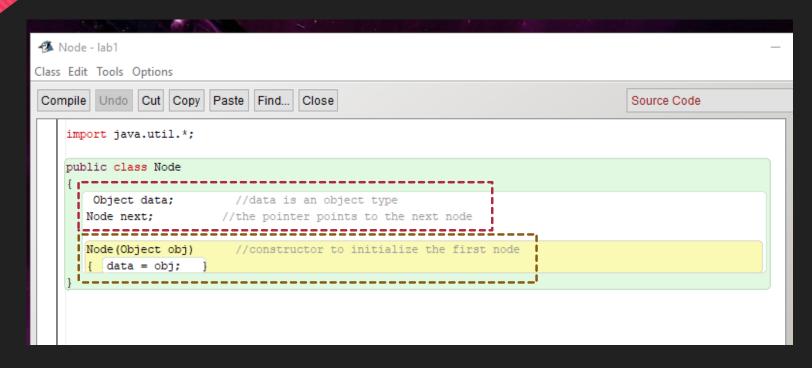


CSC248: FUNDAMENTALS OF DATA STRUCTURES

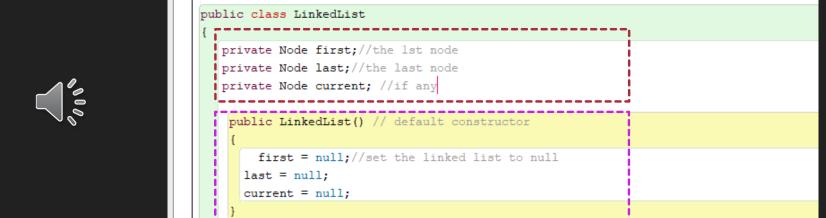




#### **CLASS NODE**







PREPARED BY: NYCJ@FSKM, UITM CAWANGAN PERLIS KAMPUS ARAU

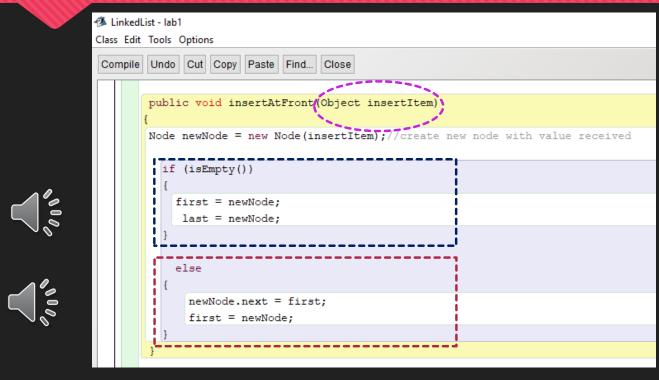
LinkedList - lab1

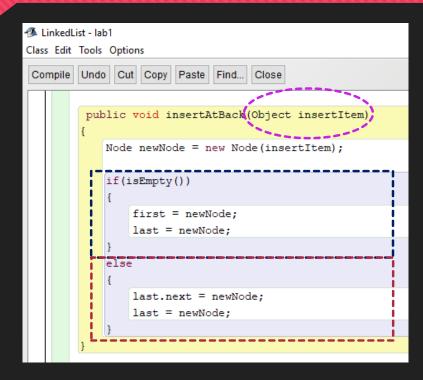
Class Edit Tools Options

Compile Undo Cut Copy Paste Find... Close

public boolean isEmpty()

return (first == null); }











```
public Object removeFromFront()
{
    Object removeItem = null;

    if(isEmpty())
    {
        return removeItem;
    }

    removeItem = first.data;

    if(first == last)
    {
        first = null;
        last = null;
        return removeItem;
}

else
    first = first.next;

return removeItem;
}
```

public Object removeFromBack()





object removeItem = null;

if (isEmpty())
{
 return removeItem;
}

removeItem = last.data;

if (first == last)
{
 first = null;
 last = null;
}

else
{
 current = first;
 while(current.next != last)
 current = current;
 last = current;
 last.next = null;
}

return removeItem;
}



```
public Object getFirst()
{
    if(isEmpty())
        return null;
    else
    {
        current = first;
        return current.data;
    }
}

public Object getNext()
{
    if(current == last)
        return null;
    else
    {
        current = current.next;
        return current.data;
    }
}
```

