Laporan Kuis 2 Algoritma dan Sturktur Data

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Source Code

1. Class nodeKuis_02

```
package Kuis2;

public class nodeKuis_02 {
    String data;
    nodeKuis_02 prev, next;

    nodeKuis_02(nodeKuis_02 prev, String data, nodeKuis_02 next){
        this.prev = prev;
        this.data = data;
        this.next = next;
    }
}
```

2. Class DLL_02

```
package Kuis2;
 oublic class DLL_02 {
nodeKuis_02 head;
    int top;
    nodeKuis_02 data[];
        head = null;
size = 0;
    public boolean IsEmpty(){
       return head == null;
    public void print(){
        if(!IsEmpty()){
   nodeKuis_02 tmp = head;
             while (tmp != null){
                 System.out.println(tmp.data + "\t");
                 tmp = tmp.next;
             System.out.println(█ "\nBerhasil Diisi");
             System.out.println( Linked List Kosong");
        if(IsEmpty()){
             head = new nodeKuis_02(prev: null, item, next: null);
            nodeKuis_02 newNode = new nodeKuis_02(prev: null, item, head);
             head.prev = newNode;
head = newNode;
```

```
public void removeFirst() throws Exception{
    if (IsEmpty()){
        throw new Exception(message: "List Masih Kosong, Tidak Dapat Menghapus");
    } else{
        head = head.next;
        head.prev = null;
        size--;
    }
}

public String getFirst() throws Exception{
    if(IsEmpty()){
        throw new Exception(message: "List Masih Kosong !");
    }
    return head.data;
}
```

3. Class main

Hasil Running

********* Data Buku Perpustakaan ********* Entry Judul Buku
 Ambil Buku Teratas 3. Cek Judul Buku Teratas 4. Info Semua Judul Buku 5. Keluar Pilihan Menu anda (1/2/3/4/5): 1 Cetak Seluruh Buku Negeri di Ujung Tanduk Laskar Pelangi Bulan Anak Semua Bangsa Endensor Berhasil Diisi