

# Double Linked List

## Insert & Delete

---

Data int

# DLL INSERT Awal

```
D:\Kuliah\demo\DLL22\bin\Debug\DLL22.exe
DLL insert awal
Data yg mau disimpan? 5
Mau lagi (y/t) ? y
Data yg mau disimpan? 3
Mau lagi (y/t) ? y
Data yg mau disimpan? 1
Mau lagi (y/t) ? t
Isi dari DLL :
1
3
5

Process returned 0 (0x0)   execution time : 11.047 s
Press any key to continue.
```

# DLL INSERT Akhir

```
D:\Kuliah\demo\DLL22\bin\Debug\DLL22.exe
DLL insert akhir
Data yg mau disimpan? 1
Mau lagi (y/t) ? y
Data yg mau disimpan? 3
Mau lagi (y/t) ? y
Data yg mau disimpan? 5
Mau lagi (y/t) ? y
Data yg mau disimpan? 7
Mau lagi (y/t) ? t
Isi dari DLL :
1
3
5
7

Process returned 0 (0x0)    execution time : 5.331 s
Press any key to continue.
```

# DLL INSERT After

```
D:\Kuliah\demo\DLL22\bin\Debug\DLL22.exe
DLL insert akhir
Data yg mau disimpan? 1
Mau lagi (y/t) ? y
Data yg mau disimpan? 3
Mau lagi (y/t) ? y
Data yg mau disimpan? 5
Mau lagi (y/t) ? y
Data yg mau disimpan? 7
Mau lagi (y/t) ? t

Isi dari DLL :
1
3
5
7
Insert After
Data yg mau disimpan? 4
Sisip after brp ? 3

Isi dari DLL :
1
3
4
5
7

Process returned 0 (0x0)   execution time : 7.760 s
Press any key to continue.
```

# DLL INSERT Before

```
D:\Kuliah\demo\DLL22\bin\Debug\DLL22.exe
DLL insert akhir
Data yg mau disimpan? 2
Mau lagi (y/t) ? y
Data yg mau disimpan? 4
Mau lagi (y/t) ? y
Data yg mau disimpan? 6
Mau lagi (y/t) ? t

Isi dari DLL :
2
4
6
Insert Before
Data yg mau disimpan? 1
Sisip before brp ? 2

Isi dari DLL :
1
2
4
6

Process returned 0 (0x0)    execution time : 12.839 s
Press any key to continue.
```

# Menu DLL Insert

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
5. Keluar
```

```
Masukkan pilihan Anda : 1
Data yg mau disimpan? 3
```

```
Isi dari DLL :
3
```

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
5. Keluar
```

```
Masukkan pilihan Anda : 2
Data yg mau disimpan? 5
```

```
Isi dari DLL :
3
5
```

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
5. Keluar
```

```
Masukkan pilihan Anda : 3
Data yg mau disimpan? 4
Sisip after brp ? 3
```

```
Isi dari DLL :
3
4
5
```

```
Menu Insert
```

```
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
5. Keluar
```

```
Masukkan pilihan Anda : 4
Data yg mau disimpan? 2
Sisip before brp ? 3
```

```
Isi dari DLL :
2
3
4
5
```

```
Menu Insert
```

```
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
5. Keluar
```

```
Masukkan pilihan Anda : 5
```

```
Process returned 0 (0x0)
Press any key to continue.
```

# Menu DLL Insert & Delete

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 1
```

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
Masukkan pilihan Anda : 1
Data yg mau disimpan? 2
```

```
Isi dari DLL :
2
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 1
```

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
Masukkan pilihan Anda : 2
Data yg mau disimpan? 5
```

```
Isi dari DLL :
2
5
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 1
```

```
Menu Insert
1. Insert Awal
2. Insert Akhir
3. Insert After
4. Insert Before
Masukkan pilihan Anda : 3
Data yg mau disimpan? 6
Sisip after brp ? 5
```

```
Isi dari DLL :
2
5
6
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 2
Menu Delete
1. Delete Awal
2. Delete Akhir
3. Delete Tertentu
Masukkan pilihan Anda : 3
Data yg mau dihapus ? 5
```

```
Isi dari DLL :
2
6
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 2
Menu Delete
1. Delete Awal
2. Delete Akhir
3. Delete Tertentu
Masukkan pilihan Anda : 1
```

```
Isi dari DLL :
6
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 2
Menu Delete
1. Delete Awal
2. Delete Akhir
3. Delete Tertentu
Masukkan pilihan Anda : 2
DLL kosong
```

```
Menu Utama
1. Insert
2. Delete
3. Keluar
Masukkan pilihan Anda : 3
```

```
Process returned 0 (0x0)
Press any key to continue.
```