

```
PS G:\My Drive\School\01_Fall2024\CS210\WK06> py .\doublyLinkedList.py
```

```
Initial Doubly Linked List
```

```
DLL[0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
```

```
Head: 0      Tail: 9      Len: 10
```

```
Edge case: head - Remove 0
```

```
DLL[1, 2, 3, 4, 5, 6, 7, 8, 9]
```

```
Head: 1      Tail: 9      Len: 9
```

```
Edge case: tail - Remove 9
```

```
DLL[1, 2, 3, 4, 5, 6, 7, 8]
```

```
Head: 1      Tail: 8      Len: 8
```

```
Middle case - Remove 5
```

```
DLL[1, 2, 3, 4, 6, 7, 8]
```

```
Head: 1      Tail: 8      Len: 7
```

```
Data-not-found case - Remove 20
```

```
20 not found, remove operation failed.
```

```
DLL[1, 2, 3, 4, 6, 7, 8]
```

```
Head: 1      Tail: 8      Len: 7
```

```
Append 21
```

```
DLL[1, 2, 3, 4, 6, 7, 8, 21]
```

```
Head: 1      Tail: 21     Len: 8
```

```
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```