



DIGITAL  
INNOVATION  
ONE

# Estrutura de Dados Em JAVA

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Aula 2 | Etapa 1:

# Pilhas

[LIFO: Last In, First Out]

Explicação teórica do  
conceito de Pilhas



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# Uma Pilha



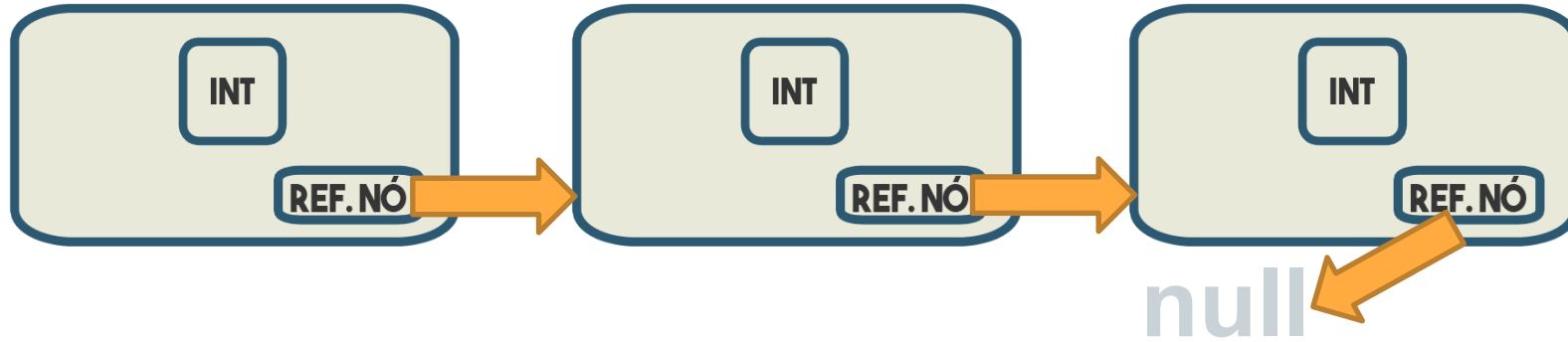
[Vecteezy.com](https://www.vecteezy.com)

# Regras de Uma Pilha

- **LIFO**
- Last in First Out
- O último elemento que entra é o primeiro a sair

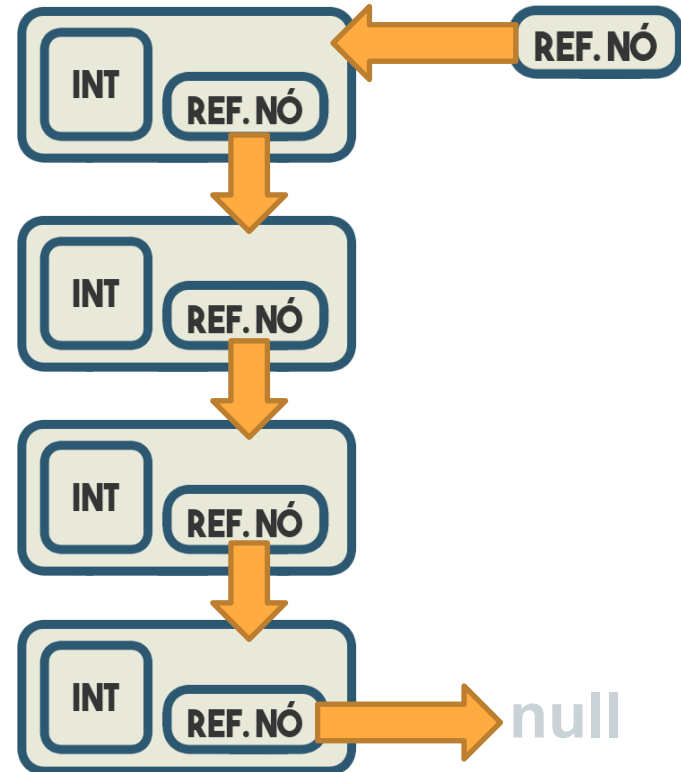


# Encadeamento de Nó





# Estrutura da Pilha





# Método Top

```
No meuNo = pilha.top();
```

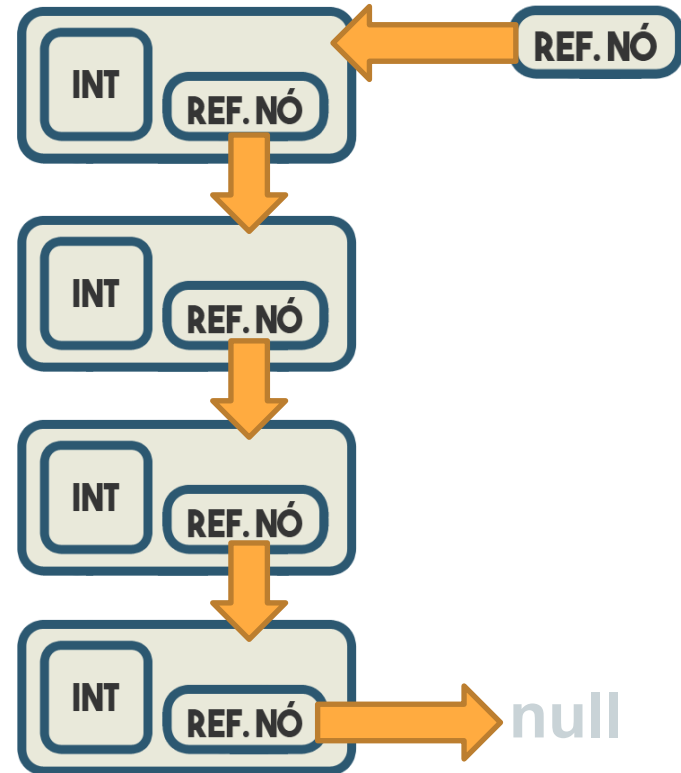
```
No meuNo = ;
```

```
int numero = meuNo.getInt()
```

```
;
```

```
int numero =  ;
```

```
=
```





# Método Pop

```
No meuNo = pilha.pop();
```

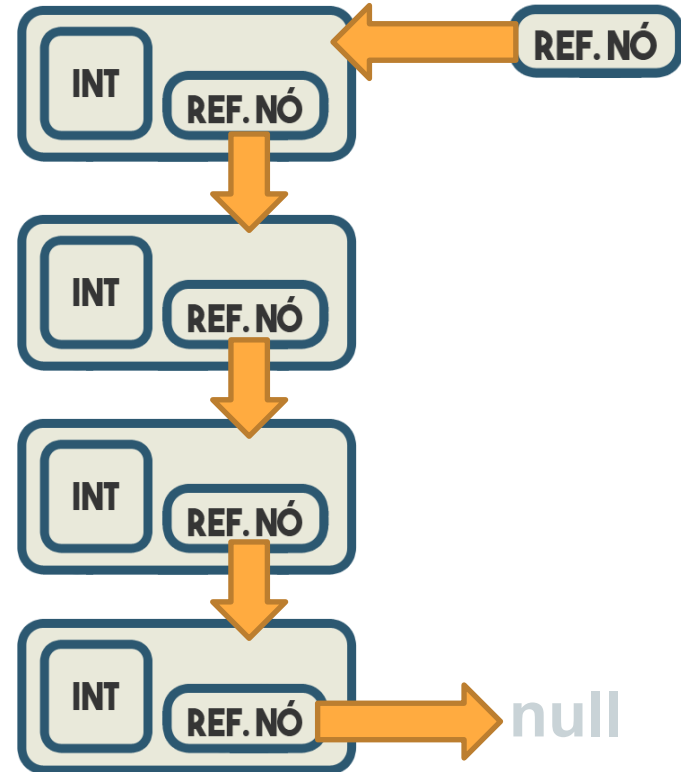
```
No meuNo = ;
```

```
int numero meuNo.getInt()
```

```
=
```

```
int numero  ;
```

```
=
```



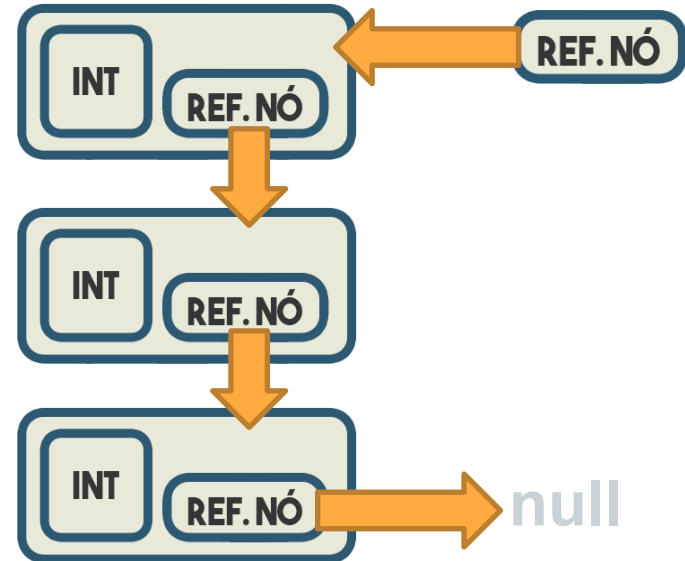




# Método Push

```
No meuNo = new No();
```

```
meuNo.setInt(1);
```



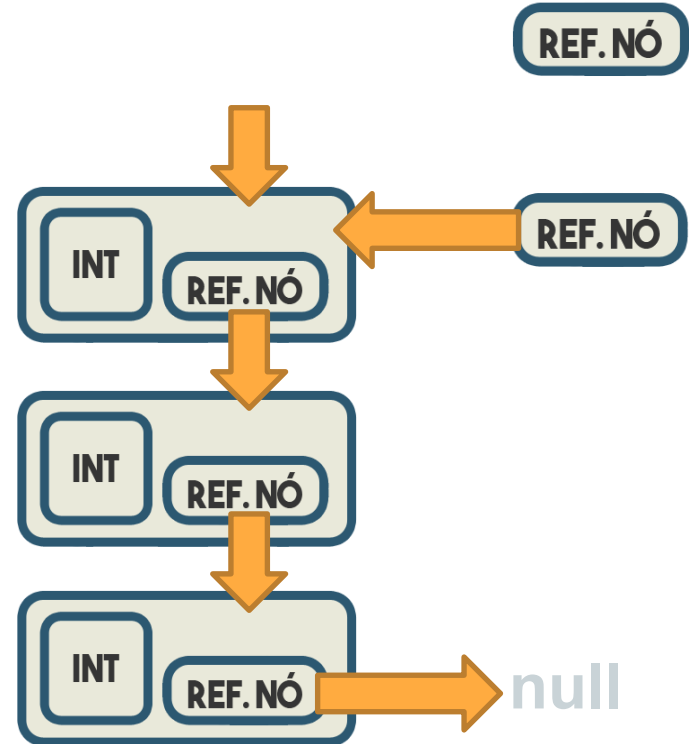


# Método Push

```
No meuNo = new No();
```

```
meuNo.setInt(1);
```

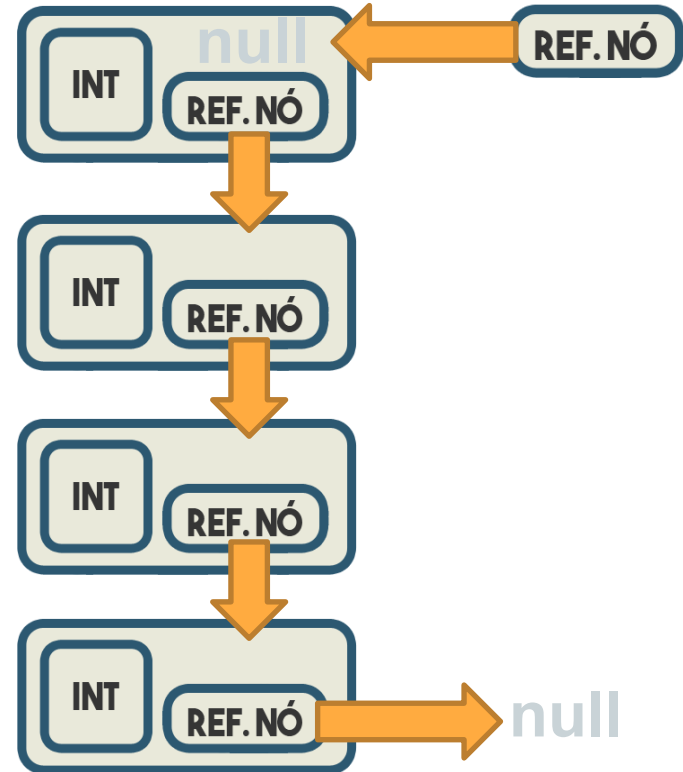
```
meuNo
```





# Método isEmpty

```
public boolean isEmpty(){  
    if(refNo == null){  
        return true;  
    }  
    return false;  
}
```



# Dúvidas durante o curso?

- > Fórum do curso
- > Comunidade online (discord)





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# Vamos Implementar?



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