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CS3B

GNF\_Example.cpp output:

```
--- Greibach Normal Form (GNF) Validator ---
```

```
Grammar 1:
```

```
X -> aY
```

```
Y -> bX
```

```
X -> a
```

```
Y -> b
```

```
Grammar 1 check: Pass (Is GNF)
```

```
Grammar 2:
```

```
X -> YA
```

```
Y -> b
```

```
Grammar 2 check: Fail (Not GNF)
```

```
Grammar 3:
```

```
X -> ab
```

```
Grammar 3 check: Fail (Not GNF)
```