

In [10]:

```
from sympy import *
```

In [14]:

```
M = Matrix([[3, 6, 9, 5, 25, 53], [7, 14, 21, 9, 53, 105], [-4, -8, -12, 5, -10, 11]])
```

In [15]:

```
M.rref()
```

Out[15]:

```
(Matrix([
 [1, 2, 3, 0, 5, 6],
 [0, 0, 0, 1, 2, 7],
 [0, 0, 0, 0, 0, 0]]),
 (0, 3))
```

In []: