

(3,1)

[5, 6, 2]

```
graph TD; A([5, 6, 2]) --> B([4, 4, 0]); A --> C([0, 0, 2]); B --> D([1, 1, 0]); B --> E([0, 0, 1]); D --> F([1, 0, 0]); D --> G([0, 1, 0]);
```

[4, 4, 0]

[0, 0, 2]

[1, 1, 0]

[0, 0, 1]

[1, 0, 0]

[0, 1, 0]