

## Formula for 3D Array

### Example :

```
int A[l][m][n];
```

### Row Major :

$$\text{Addr}(A[i][j][k]) = L_0 + [i * m * n + j * n + k] * w$$

### Column Major :

$$\text{Addr}(A[i][j][k]) = L_0 + [k * l * m + j * l + i] * w$$