

```
u = [1 3 5];  
v = [2 7];  
conv(u, v)
```

```
ans = 1x4  
      2    13    31    35
```

```
my_convulation(u, v)
```

```
ans = 1x4  
      2    13    31    35
```

$w(k) = \sum_j u(j)v(k - j + 1)$ used formula.

```
%check for invalid usage  
my_convulation(u)
```

```
Error using my_convulation (line 30)  
Invalid usage, use my_convulation(u, v)
```

```
my_convulation(u, v, 45)
```

```
Error using my_convulation  
Too many input arguments.
```