

## Matlab Code

```
1 function [ B ] = myReshape( A )
2     [h, w, color] = size(A)
3     B(1:color , w*h + 1) = 0;
4     for i = 1:color ,
5         for j = 1:w,
6             for k = 1:h,
7                 B(i , (j-1) * h + k) = A(k, j , i);
8             end
9         end
10    end
11 end
```