

```
def mapFeature(x1, x2):  
    '''  
    Maps the two input features to quadratic features.  
  
    Returns a new feature array with d features, comprising of  
        X1, X2, X1 ** 2, X2 ** 2, X1*X2, X1*X2 ** 2, ... up to the 6th power polynomial  
    ial  
  
    Arguments:  
        X1 is an n-by-1 column matrix  
        X2 is an n-by-1 column matrix  
    Returns:  
        an n-by-d matrix, where each row represents the new features of the corresponding instance  
    '''
```