

In [18]:

```
for x in range(10):
    for y in range(1,x+1):
        print('{}x{}={} \t'.format(x, y, x*y), end='')
    print()
```

```
1x1=1
2x1=2   2x2=4
3x1=3   3x2=6   3x3=9
4x1=4   4x2=8   4x3=12   4x4=16
5x1=5   5x2=10  5x3=15   5x4=20   5x5=25
6x1=6   6x2=12  6x3=18   6x4=24   6x5=30   6x6=36
7x1=7   7x2=14  7x3=21   7x4=28   7x5=35   7x6=42   7x7=49
8x1=8   8x2=16  8x3=24   8x4=32   8x5=40   8x6=48   8x7=56   8x8=64
9x1=9   9x2=18  9x3=27   9x4=36   9x5=45   9x6=54   9x7=63   9x8=72   9x9=81
```

In [19]:

```
print('\n'.join([' '.join(['%s*%s=%-2s' % (y,x,x*y) for y in range(1,x+1)]) for x in range(1,10)])
```

```
1*1=1
1*2=2   2*2=4
1*3=3   2*3=6   3*3=9
1*4=4   2*4=8   3*4=12   4*4=16
1*5=5   2*5=10  3*5=15   4*5=20   5*5=25
1*6=6   2*6=12  3*6=18   4*6=24   5*6=30   6*6=36
1*7=7   2*7=14  3*7=21   4*7=28   5*7=35   6*7=42   7*7=49
1*8=8   2*8=16  3*8=24   4*8=32   5*8=40   6*8=48   7*8=56   8*8=64
1*9=9   2*9=18  3*9=27   4*9=36   5*9=45   6*9=54   7*9=63   8*9=72   9*9=81
```

In [5]:

```
print('\n'.join([''.join(['FKFK!!00'[(x-y)%8]if((x*0.05)**2+(y*0.1)**2-1)**3-(x*0.1)
```

```

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In []: