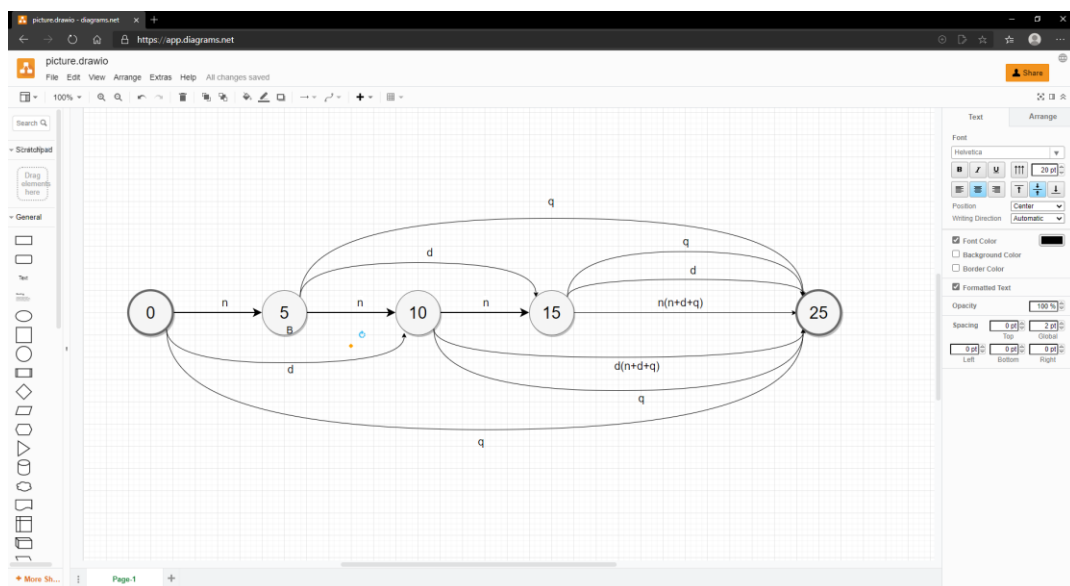
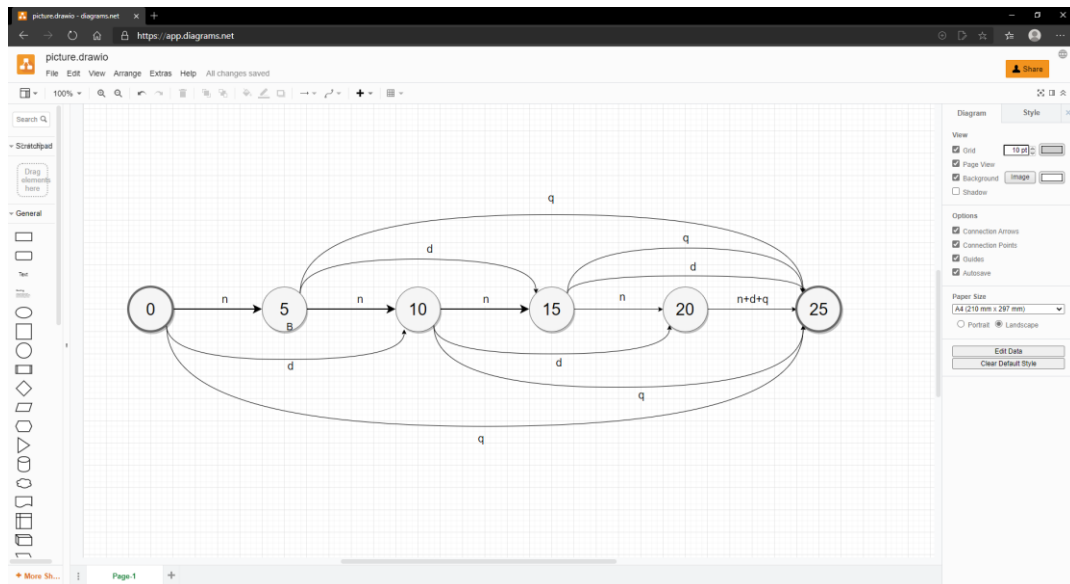
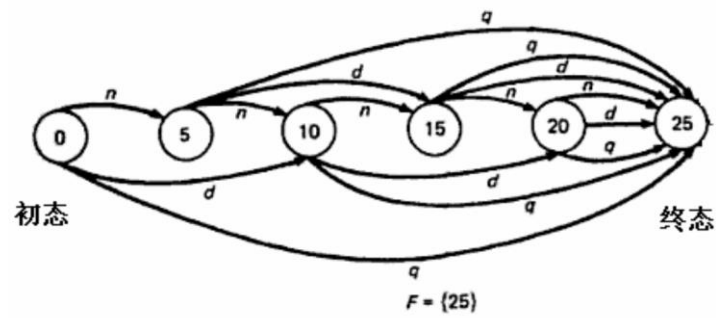
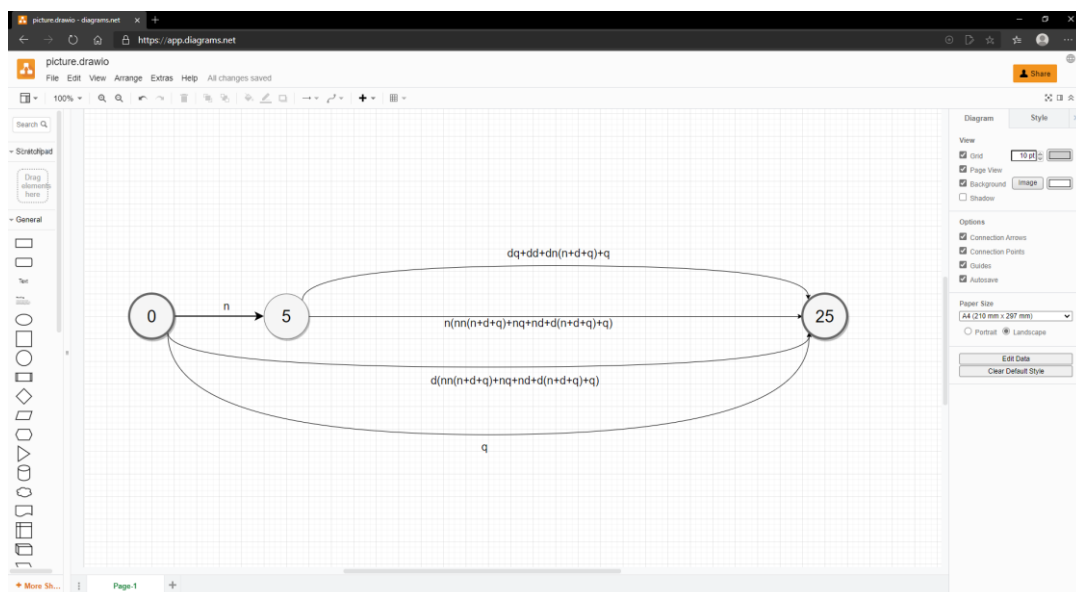
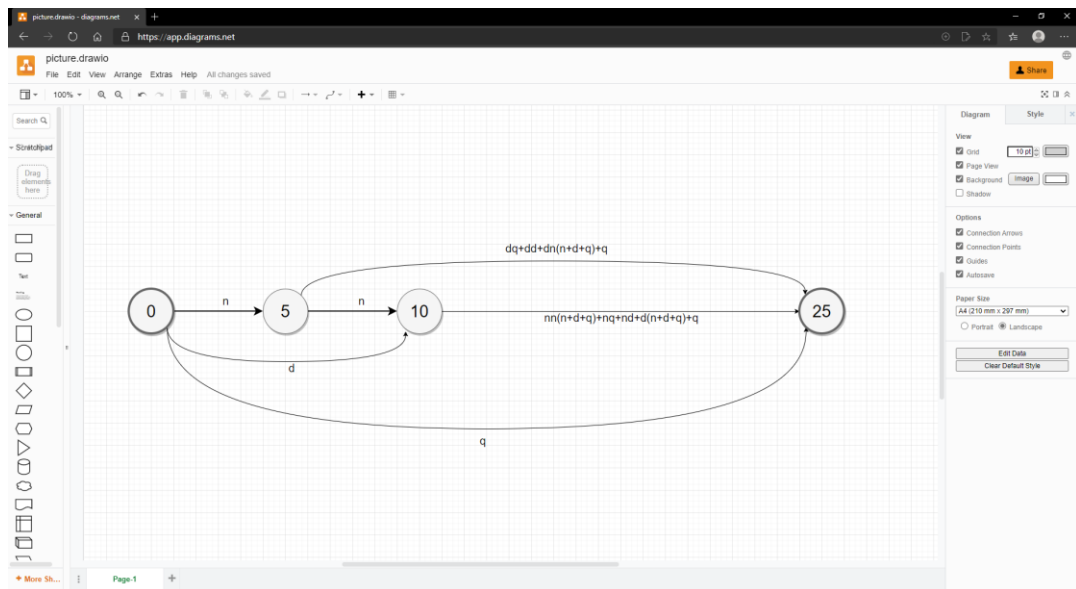
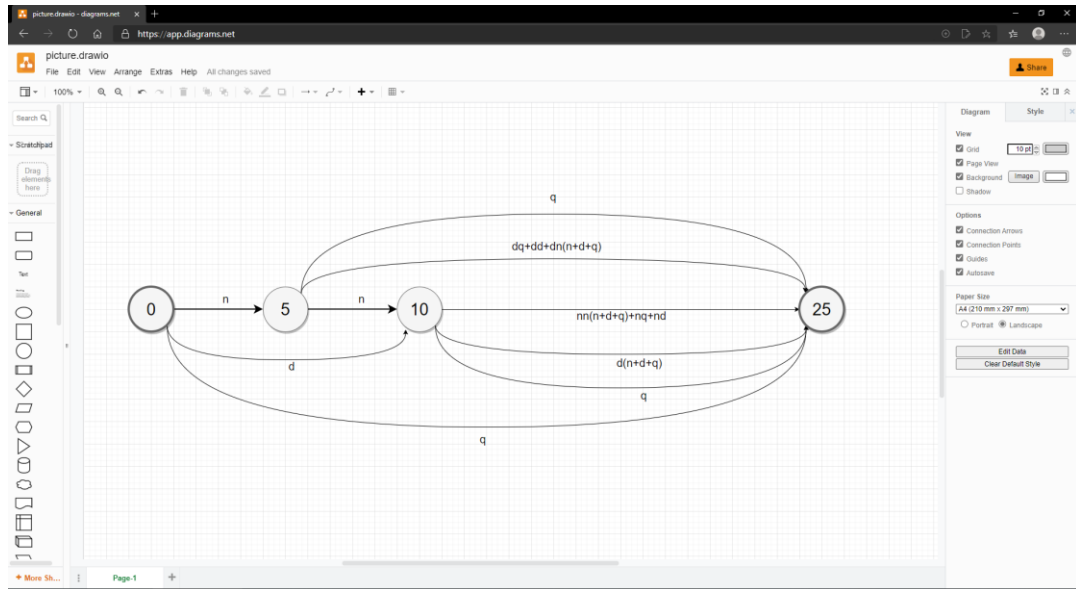
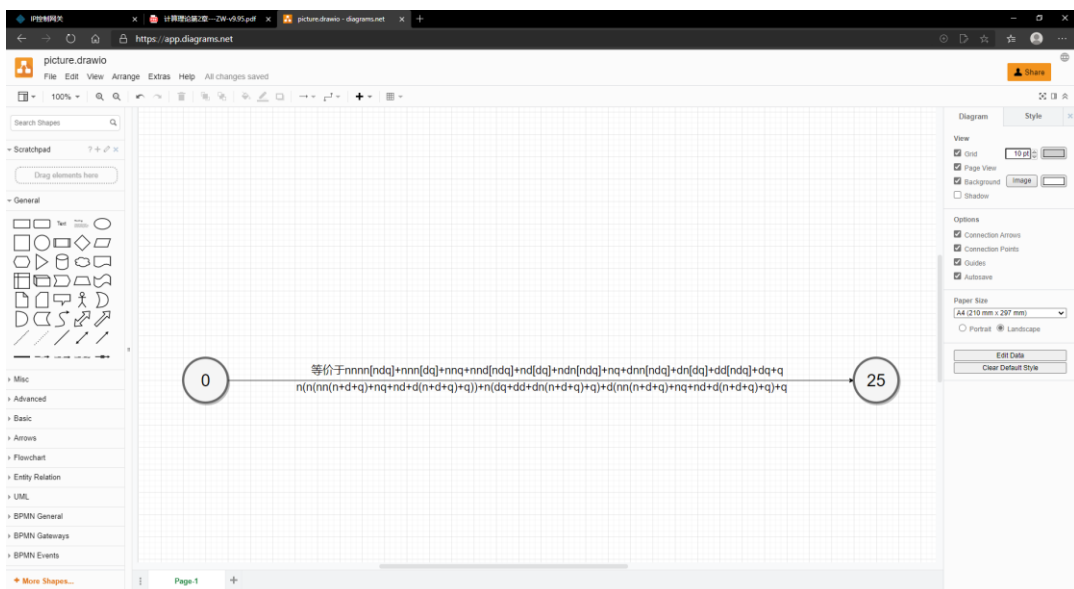
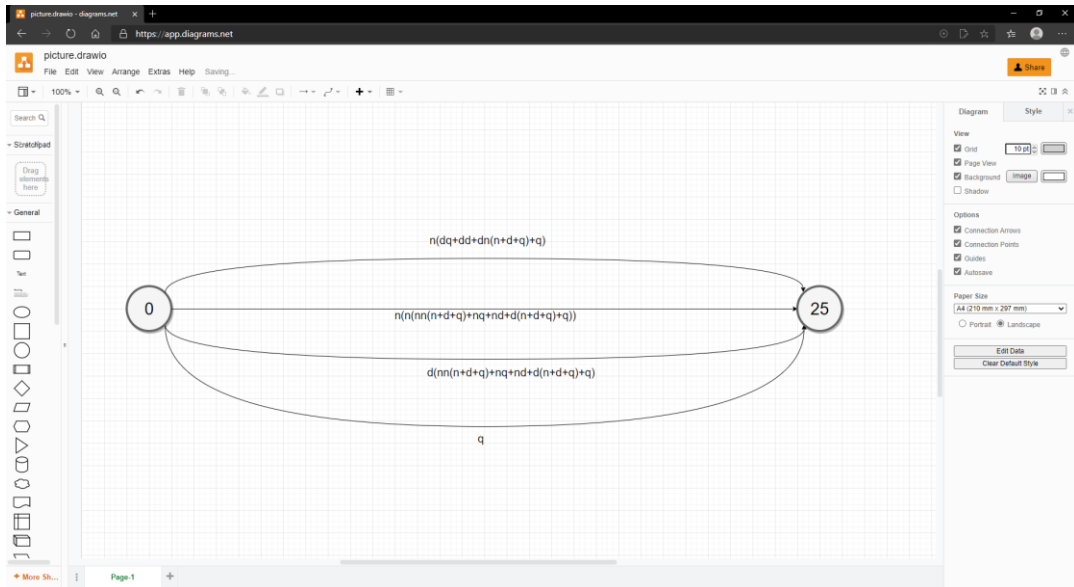


# 一、完整版糖果售货机图上作业化简过程







## 二、正则表达式划分不同情况

$nnnn[n|d|q]$

$nnn[d|q]$

$nnd[n|d|q]$

$nnq$

$nd[q|d]$

$ndn[n|d|q]$

$nq$

$dnn[n|q|d]$

$dn[q|d]$

$dd[n|q|d]$

$dq$

$q$

### 三、运行过程

```
lex.yy.c
YY_BUFFER_STATE b;

if ( size < 2 ) {
    base[size-2] = YY_END_OF_BUFFER_CHAR;
    base[size-1] = YY_END_OF_BUFFER_CHAR;
    /* They forgot to leave room for the EOB's. */
    return NULL;
}

b = (YY_BUFFER_STATE) yalloc( sizeof( struct yy_buffer_state ) );
if ( ! b )
    YY_FATAL_ERROR( "out of dynamic memory in yy_scan_buffer()" );

b->yy_buf_size = (int) (size - 2); /* "- 2" to take care of EOB's */
b->yy_buf_pos = b->yy_ch_buf = base;
b->yy_is_raw_buffer = 0;
b->yy_input_file = NULL;
b->yy_n_chars = b->yy_buf_size;
b->yy_at_bol = 1;
b->yy_fill_buffer = 0;
b->yy_buffer_status = YY_BUFFER_NEW;

YY_SWITCH_TO_BUFFER( b );

return b;

/* Setup the input buffer state to scan a string. The next call to yylex() will
 * scan from a 0e copy of &str.
 * @param str is a NUL-terminated string to scan
 *
 * Returns the newly allocated buffer state object.
 * Note: If you want to scan bytes that may contain NUL values, then use
 * yy_scan_bytes() instead.
 */
YY_BUFFER_STATE yy_scan_string( const char * yystr )
{
    return yy_scan_bytes( yystr, (int) strlen( yystr ) );
}

yy_scan_string( yystr, (int) strlen( yystr ) );
```

```
Microsoft Windows [版本 10.0.18363.1195]
(c) 2019 Microsoft Corporation. 保留所有权利。

C:\Users\Alienware>cd C:\Users\Alienware\Desktop\courses\计算理论
C:\Users\Alienware\Desktop\courses\计算理论>winflex homeerk.1
C:\Users\Alienware\Desktop\courses\计算理论>

请任意键继续. . .
qmqnddand
please choose for one candy: 1:chocolate,2:big white rabbit
2
you chose big white rabbit
please choose for one candy: 1:chocolate,2:big white rabbit
2
you chose big white rabbit
please choose for one candy: 1:chocolate,2:big white rabbit
2
you chose big white rabbit
please choose for one candy: 1:chocolate,2:big white rabbit
2
you chose big white rabbit
money is not enough
Vmoney is not enough
V
V
2
2
money is not enough
```