$$s_0 = 4$$
,  $s_1 = 2$ ,  $s_2 = 5$ ,  $s_3 = 6$ 

	0	1	2	3	4	5	6	7
0								
1								
2								
3								

$$s_0 = 4$$
,  $s_1 = 2$ ,  $s_2 = 5$ ,  $s_3 = 6$ 

	0	1	2	3	4	5	6	7
0	{}	NULL	NULL	NULL	{4}	NULL	NULL	NULL
1								
2								
3								

Calculate first row

$$A[0,0] = \emptyset \text{ and } A[0,s_0] = \{s_0\}$$

$$A[0,e] = \text{NULL whenever } e \neq 0 \text{ and } e \neq s_0$$

$$s_0 = 4$$
,  $s_1 = 2$ ,  $s_2 = 5$ ,  $s_3 = 6$ 

	0	1	2	3	4	5	6	7
0	{}	NULL	NULL	NULL	{4}	NULL	NULL	NULL
1	{}	NULL	{2}	NULL	{4}	NULL	{2,4}	
2								
3								

Calculate value for cell A[1,6]:

$$A[i,j] = \begin{cases} T = A[i-1,j] \\ T = A[i-1,j-s_i] \cup \{s_i\} \end{cases}$$

$$X A[i-1,j] = A[0,6] = NULL$$

$$A[i,j] = \begin{cases} T = A[i-1,j] \\ T = A[i-1,j-s_i] \cup \{s_i\} \end{cases}$$

$$= A[0,6-2] \cup \{2\}$$

$$= A[0,4] \cup \{2\}$$

$$= \{4\} \cup \{2\}$$

$$= \{2,4\}$$

$$s_0 = 4$$
,  $s_1 = 2$ ,  $s_2 = 5$ ,  $s_3 = 6$ 

	0	1	2	3	4	5	6	7
0	{}	NULL	NULL	NULL	{4}	NULL	NULL	NULL
1	{}	NULL	{2}	NULL	{4}	NULL	{2, 4}	NULL
2	{}	NULL	{2}	NULL	{4}	{5}	{2, 4}	{2, 5}
3								

Calculate value for cell A[2,7]:

$$A[i,j] = \begin{cases} T = A[i-1,j] \\ T = A[i-1,j-s_i] \cup \{s_i\} \end{cases}$$

$$X A[i-1,j] = A[1,7] = NULL$$

$$A[i,j] = \begin{cases} T = A[i-1,j] \\ T = A[i-1,j-s_i] \cup \{s_i\} \end{cases}$$

$$= A[1,7-5] \cup \{5\}$$

$$= A[1,2] \cup \{5\}$$

$$= \{2\} \cup \{5\}$$

$$= \{2,5\}$$

$$s_0 = 4$$
,  $s_1 = 2$ ,  $s_2 = 5$ ,  $s_3 = 6$ 

	0	1	2	3	4	5	6	7
0	{}	NULL	NULL	NULL	{4}	NULL	NULL	NULL
1	{}	NULL	{2}	NULL	{4}	NULL	{2, 4}	NULL
2	{}	NULL	{2}	NULL	{4}	{5}	{2, 4}	{2, 5}
3	{}	NULL	{2}	NULL	{4}	{5}	{2, 4}	{2, 5}

Calculate value for cell A[3,7]:

$$A[i,j] = \begin{cases} T = A[i-1,j] \\ T = A[i-1,j-s_i] \cup \{s_i\} \end{cases}$$
  $\sqrt{A[i-1,j] = A[2,7] = \{2,5\}}$ 

$$\sqrt{A[i-1,j]} = A[2,7] = \{2,5\}$$