Application of Heyfman too true:

- 1. Huffman wooding is used un stille compression Algorithm.
- 2. It is und un transmission of data in an ierusded yerm.
 - 3. This encoding is used us game playing

Oli knapsack problem:

item	201	922		ds. iles		ilay	75.			
prost (p)	9 50	4	0	30	in.	200	10)			
Swelght Cu protei	Direct D.	2.	11 1	3	ال ال	4	5.			
P/W.	0.02.	0	-05	05 01		02	0.5			
step 1: Marismum projet:										
ptim 1	Puft		med gut			nauring	weight.			
X5	(5)		10			100-10 = 90.				
x4 -	40	is in	20.			90-20=70				
X3	_3		30			70-30 = 40				
X2	2.	9 11 -	.40.			40-40 = 0.				
total.	14.		100.							
step 2; heremen meigent.										
1	eight !		wei	gust	× .	R- au	w Ms			
tstim VB	5			0,		10.0 - 1	0=92			
Хų	4			20		90-2	0270 (1			
× 3	3			30		10 -30	240			
x2.	2.			eø.		40-40	0=0			

total profit: 14

Step 3: Manimum profit / weight ratio.

	T. 18 (19)		Vive-	wig"
15 0571	Propot	weight	Ratio	her.w.
tem soluted	5	10	05	100-10 290
X4	4	1. 20	0-2	90-20-270
X3	3	30	0;1	70-30,50
X2	2.014	40.	0.05.	60-40=0,
- growt	J)	4,000

(X5/44, X3, XL) (5, 41,31,4).

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