

<u>Help</u>

selfpoised ~

<u>Course Progress Dates Course Notes Discussion</u>

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WE1.3

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■ Calculator

Video explanation of solution is provided below the problem.

Huffman Encoding

4 points possible (ungraded)

Note: For this problem, your answers will be marked as wrong unless the encodings for all cases are correct.

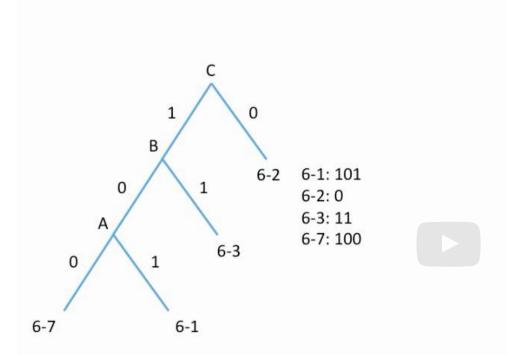
The table below shows the enrollments in the various EECS majors. To save a bit of space in their database the department would like to use a variable-length Huffman code to encode a student's choice of major. For each of the four majors, please give the encoding the department should use.

Major	Count	p	$plog_{2}\left(1/p ight)$	
6-1	74	0.09	0.30	
6-2	387	0.44	0.52	
6-3	360	0.41	0.53	
6-7	54	0.06	0.25	
Total	875	1.00	1.60	

6-1:	101				
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Submit

Huffman Encoding



■ Calculator

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 Is the grader working as intended?
 Entering exactly the solution from "show answer" I get this exception: "list index out of range"

 Worked Examples videos
 The videos accompanying the worked examples are great! It explains the topics addressed much better than the lecture videos the...

 Istaff] clash with minimum bits required to give information
 A general comment about 'Basics of Information'
 The materials presented in the 'Basics of Information" is a bit disconnected. It's not clear to me how Two's complement is related to ...

 Wrong solution
 The solution is wrong!! see the video!

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