Module 1	
Name: Julia Kilmaz	
(1) Which one of the follow	ving color systems is subtractive? (10 pts)
1. HSV	
②.CMYK 3. RGB	
4. None of the above	
Answer: 2	
(2) OpenCv stores RGB co	lor images in an array with how many dimensions? (10 pts)
1. Three dimensional	
2. One dimensional	
<ul><li>3. Two dimensional</li><li>4. None of the above</li></ul>	
Answer:	
(2) Image data is imported	Lby OpenCy in what data type? (10 pts)
	I by OpenCv in what data type? (10 pts)
<ol> <li>Signed 16 bit integer</li> <li>64 bit floating point number</li> </ol>	
3. Unsigned 8 bit integer	
4. None of the above	
Answer: 3	
(1) The following pivel gric	d is stored in a 3D array, what is the array position of the number
60? (10 pts)	to stored in a 3D array, what is the array position of the number
	(C) 55,100,200 74,124,100 89;210,10
	124,74,191 174,43,34 201,142
	191,50,10 215,111,84 245,139,81
1. [2][2][2]	L

1. [2][2][2] [1][2][3] (3) [1][2][2] [2][2][1]

5. None of the above

Answer: 3

<i>[</i> ]			
	two values for encoding chromaticity (color).		
	Red, Green, and Blue color channels.		
	additive color system. see of the above		
Answer:	Answer:		
(6) A i	black and white image histogram is a plot of? (10 pts)		
1. The	angle of the Hue value.		
	array position of the pixel values.		
	brightness (intensity) distribution of the pixel data along it's value range.		
4. The	largest saturation value in the image.		
Answer:	ĵ.		
,			
(7)) W	hich is not a Raster file type and does not store pixel data in an array? (10 pts)		
X TIFF			
JPE (			
4. PNG	tScript (PDF)		
	<b>,</b>		
Answer:	3		
will ou	ue or False: A Python list does support mathematical operations, so the following code atput $[2,4,6]$ . (10 pts)		
lis	t = list * 2 nt(list)		
lis pri	t = list * 2		
lis pri Answer:	t = list * 2 nt(list)		
lis pri Answer: (9) Wi	t = list * 2 nt(list)  True. Lists (nn vse mnth, but not Armys!		
Answer:  (9) Wi	t = list * 2 nt(list)  True. Lists (m vse mnth, but not Armys)  rite the Pseudo Code for the image pipeline we built in class for skin tracking. (20 pts)  write the comments for each step or a plain english explanation. Just be as clear as possible.  t line should be: Import image.		
Answer:  (9) Wi You can	t = list * 2 nt(list)  True. Lists (m Vse mnth, but not Armys)  rite the Pseudo Code for the image pipeline we built in class for skin tracking. (20 pts)  write the comments for each step or a plain english explanation. Just be as clear as possible.  I in purt I mage  t line should be: Praw masked image.		
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Answer:  (9) Wi You can Your firs Your last	t = list * 2 nt(list)  True. Lists (m vse mnth, but not Arrays)  rite the Pseudo Code for the image pipeline we built in class for skin tracking. (20 pts)  write the comments for each step or a plain english explanation. Just be as clear as possible.  I import I maye  t line should be: Draw masked image.  I mask and draw  3. plot out the top left and bother right points.  The fact  image.  The grave around the fact  image.		
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