Name	Period	

	image below to answ	er the following,			
gradebook					
	Assignment 1	Assignment 2	Assignment 3	Assignment 4	Assignment 5
Bart	4.5	1	5	2	4
Kyle	R	5	4	2	2.5
Bugs	1	2	3	4	3
Marvin	4	M	3	3.5	4
What is the	you and solumn asso	oiotod with Vylo	g		
	ow and column assorignment 3?	ciated with Kyle	S		
	value associated with	the following			
	v = 3, $col = 2$				
	ength of row $= 2$ ?				
What is the !	ength of column 5?				
v 11at 18 tile 1	engui oi colullii 3!				
			1		
kill 23.2 Ex	xercise 1				
Consider th	e following a matri	X			
<i>E</i>	16	9	21		
5 22	-16 19	-101	36		
18	17	64	-2		
				ialize the size of t	he array above, but do no
opulate it w					, , , , , , , , , , , , , , , , , , ,
a) Write a	single line of code th	at will create the	ahove integer arra	y and nonulate it	with values
b) Write a s	single line of code th	at will create the	above integer arra	ny and populate it	with values.
b) Write a s	single line of code th	at will create the	above integer arra	ny and populate it	with values.
b) Write a s	single line of code th	at will create the	above integer arra	ny and populate it	with values.
b) Write a s	single line of code the	at will create the	above integer arra	y and populate it	with values.
					with values.
	single line of code the				with values.
					with values.
(c) Write a li	ne of code that will p	printout the array	element occupied	l by -101	with values.
(c) Write a li		printout the array	element occupied	l by -101	with values.
c) Write a li	ne of code that will p	printout the array	element occupied	l by -101	with values.

Name	Period
Skill 23.3 Exercise 1	
Refer to the gradebook array below which creates a 2D array of grades.	
Tierer to the gradecoon and, colors white creates a 22 array or grades	
String gradebook[][]={{"5","4.5","3","4"},	
{"2","3","2.5","4","R","3.5"},	
{"4","1","3.5","5","4","1","5"},	
{"5","2","3.5","3","4.5"}};	
(a) What is the length of each row?	
(b) Write code to print the length of the first row and the last row,	
Skill 23.4 Exercise 1	
Refer to the gradebook array below which creates a 2D array of grades.	
String gradebook[][]={{"5","4.5","3","4"},	
{"2","3","2.5","4","R","3.5"},	
{"4","1","3.5","5","4","1","5"},	
{"4","1","3.5","5","4","1","5"}, {"5","2","3.5","3","4.5"}};	
(a) Write code to print out all the values in the array in a table format	
(b) A new student has joined the class. Declare a new array that can accommodate one	
assignments. Write code to copy the all the values from the gradebook array to this array	ay.

AP Computer Science A Ticket Out the Door Set 23: 2D Arrays

Name \_\_\_\_\_\_ Period \_\_\_\_\_