Exercise 1: Write MATLAB code to…

Group #:

Name:

1. Create a column (5x1) matrix **var1** with the elements 1.1, 2.2, 3.3, 4.4, 5.5
2. Create a row (1x3) matrix **var2** with the numbers 10 to 12.
3. Create a 2x3 matrix **var3** with numbers 101-103 (first row) and 201-203 (second row)
4. Create an empty array **var4**
5. Create a row (1x1000) vector **var5** containing the numbers 2400 to 3399
6. Create a string variable **str1** containing the word “class”.

Exercise 2: What are the results of the following (using variables from Exercise 1)?

1. bvar1=var1(3)
2. bvar2=var2(2)
3. bvar3=var1([1 2 3])
4. ii=[1 2 5]; bvar4=var1(ii)
5. bvar5=var3(2,2)
6. bvar6=var3([1 2],2)
7. bvar7=var3([1 2],[2 3])
8. bvar8=var3(4)
9. bvar9=var2(:)
10. bstr1=str1(3:4)
11. bvar10=var1(var1(2))
12. bvar11=var1(3); bvar11=var1(4)
13. bvar12=var1(1,5)
14. bvar13=var1(5,1)
15. bvar14=var2(1,3)
16. bvar15=var2(3,1)
17. bvar16=[ ]; bvar16(2:4)=var3(1, :)

Exercise 3: What is printed to the screen when you enter the following?

1. B={'sky' , 3.4 , [2 4 5]}; B{1}(2)
2. A.var1={8 , 30, 'R' }

A.var2=2

A.var3=A.var1{A.var2}