

MATLAB Quiz 4

Total points 10/10

The respondent's email (amlali98eg@gmail.com) was recorded on submission of this form.

✓ How do you access the element at the second row and third column of a matrix in MATLAB? *1/1

- ☒ a) matrix(2, 3)
- ☐ b) matrix(3, 2)
- ☐ c) matrix(1, 2)
- ☐ d) matrix(2, 1)



✓ What does matrix indexing in MATLAB start from? * 1/1

- ☐ a) 0
- ☒ b) 1
- ☐ c) -1
- ☐ d) Depends on the matrix



✓ In MATLAB, what data type is used to store heterogeneous data types in a single container? *1/1

- ☐ a) Char array
- ☐ b) Numeric array
- ☒ c) Cell array
- ☐ d) Structure



✓ How do you access the third element of a cell array named myCell? * 1/1

- ☐ a) myCell(3)
- ☒ b) myCell{3}
- ☐ c) myCell[3]
- ☐ d) myCell{3}{1}



✓ What is the primary purpose of using structures in MATLAB? * 1/1

- ☐ a) To store text data
- ☐ b) To create arrays of different data types
- ☒ c) To store related data with different types and fields
- ☐ d) To perform matrix operations



✓ How do you access a field named 'age' in a structure variable person? * 1/1

- ☒ a) person.age
- ☐ b) person['age']
- ☐ c) person{age}
- ☐ d) person(1).age



✓ In MATLAB, how are character arrays defined? * 1/1

- ☐ a) Using double quotes (" ")
- ☒ b) Using single quotes (' ')
- ☐ c) Using square brackets []
- ☐ d) Using curly braces { }



✓ Which MATLAB function converts a number into a character representation? *1/1

- ☐ a) char(num)
- ☐ b) int2str(num)
- ☐ c) num2char(num)
- ☒ d) num2str(num)



✓ What data type is recommended for more advanced string manipulation in MATLAB? *1/1

- ☐ a) Numeric arrays
- ☐ b) Char arrays
- ☐ c) Cell arrays
- ☒ d) String arrays



✓ How do you concatenate two strings 'str1' and 'str2' in MATLAB to form 'str1str2'? *1/1

- ☐ a) str1 . str2
- ☐ b) str1 , str2
- ☐ c) str1 + str2
- ☒ d) strcat(str1, str2)



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