Team ID: Bio1

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| **Member name** | **Student’s ID** |
| 1. Kareem Mohamed Wardany | 20191701149 |
| 1. Karim Tarek Emam | 20191701148 |
| 1. Omar Mostafa Mohamed | 20191701137 |
| 1. Mark Sameh William | 20191701153 |
| 1. Monica Rafik William | 20191701221 |

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| Test case #1 | Hidden layers Number = 1 | Neurons in each layer = [4] | Learning Rate = 0.9 | Epochs Number = 500 | Activation Function= Sigmoid | Bias = True |

Graphical user interface

Description automatically generated

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| Test case #2 | Hidden layers Number = 2 | Neurons in each layer = [4,3] | Learning Rate = 0.9 | Epochs Number = 1000 | Activation Function=  Sigmoid | Bias = True |

Graphical user interface, application

Description automatically generated

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| Test case #3 | Hidden layers Number = 2 | Neurons in each layer = [3,4] | Learning Rate = 0.9 | Epochs Number = 1000 | Activation Function=  Tanh | Bias = False |

Graphical user interface, application

Description automatically generated

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| Test case #4 | Hidden layers Number = 2 | Neurons in each layer = [3,4] | Learning Rate = 0.1 | Epochs Number = 1000 | Activation Function=  Tanh | Bias = False |

Graphical user interface, application

Description automatically generated

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| Test case #5 | Hidden layers Number = 1 | Neurons in each layer = [4] | Learning Rate = 0.1 | Epochs Number = 1000 | Activation Function=  Tanh | Bias = True |

Graphical user interface, application

Description automatically generated