**Assignment 1 - Solution**

Write a NumPy program that creates a 3x3 matrix of random integers between 0 and 9 and prints the maximum and minimum values of the matrix.

import numpy as np

# create a 3x3 matrix of random integers between 0 and 9

matrix = np.random.randint(0, 10, size=(3,3))

# print the matrix

print("Matrix:\n", matrix)

# find the maximum value in the matrix

max\_value = np.max(matrix)

# find the minimum value in the matrix

min\_value = np.min(matrix)

# print the maximum and minimum values of the matrix

print("Maximum value of the matrix:", max\_value)

print("Minimum value of the matrix:", min\_value)