Write a NumPy program to create an array of 10 zeros, 10 ones, and 10 fives

2. Write a NumPy program to create a 3x3 matrix with values ranging from 2 to 10.

```
import numpy as np

# Create an array with values from 2 to 10
values = np.arange(2, 11)  # This creates an array [2, 3, 4, 5, 6, 7, 8, 9, 10]

# Reshape it into a 3x3 matrix
matrix_3x3 = values.reshape(3, 3)

# Print the result
print(matrix_3x3)

→ [[2 3 4]
[5 6 7]
[8 9 10]]
```

3. Write a NumPy program to create an array with values ranging from 12 to 38.

```
import numpy as np

# Create an array with values from 12 to 38
array_range = np.arange(12, 39) # Note that 39 is exclusive

# Print the result
print(array_range)
```

```
[12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38]
```

Write a NumPy program to convert a list and tuple into arrays. Input: my_list = [1, 2, 3, 4, 5, 6, 7, 8]