```python
import numpy as np

n_sequences = 30
sequence_length = 20
possible_values = np.array([0.0, 0.2, 0.4, 0.6, 0.8, 1.0])

np.random.seed(42)
X = np.random.choice(possible_values, size=(n_sequences,
sequence_length))

t = X.mean(axis=1)

for i in range(5):
    print(f"X[{i}]: {X[i]}")
    print(f"t[{i}]: {t[i]}\n")
```

```
X[0]: [0.6 0.8 0.4 0.8 0.8 0.2 0.4 0.4 0.4 0.8 0.6 0.4 1.  0.8 0.2 0.6
1.  1.
 0.2 0.6]
t[0]: 0.6

X[1]: [0.8 0.  0.6 0.2 1.  0.8 0.6 0.  0.  0.4 0.4 0.2 0.6 0.6 1.  1.
1.  0.4
 0.6 0.6]
t[1]: 0.5399999999999999

X[2]: [0.  0.4 0.8 0.4 0.8 0.  0.2 0.6 0.  0.6 1.  0.2 0.2 0.  0.2 0.8
0.2 0.6
 0.6 0.6]
t[2]: 0.41

X[3]: [0.6 0.8 0.4 1.  0.  0.6 0.2 0.6 0.2 1.  1.  1.  0.2 0.6 1.  0.8
0.2 0.2
 0.6 0.2]
t[3]: 0.5599999999999998

X[4]: [0.2 1.  0.6 1.  1.  0.6 0.  1.  0.8 0.8 0.2 0.8 0.2 0.  0.6 0.6
0.6 0.8
 0.  0.8]
t[4]: 0.5800000000000001
```