Pristian Budi Dharmawan\_2501983105\_LA20 – BB20\_Computational Biology\_Session 1\_Basic Sequence Plotting

## Exercise Session 1

## Task:

- 1. Create basic sequence that contain with minimum 50 Character of ATCG
- 2. Sequence:

## Answer:

```
# 1
# After installing BioPhyton we can import the package
import Bio
import matplotlib.pyplot as plt
dir(Bio)
from Bio.Seq import Seq
from collections import Counter
```

```
# 3
freq_ex = Counter(seq_ex)
freq_ex
```

```
# 4
plt.bar(freq_ex.keys(),freq_ex.values())
```

## Result:



