

Python Hackathon 2019

```
[print('',x, end='\t') for x in "Hello World"];print()  
[print(ord(x), end='\t') for x in "Hello World"];print()
```

```
>>> H   e   l   l   o       W   o   r   l   d  
>>> 72  101 108 108 111 32 87  111 114 108 100
```

King's College London
2019 01 14

Our goals for today

- Use the time today to **code together** and **exchange ideas and experiences**.
- Learn more about **how Python is used**.
- We will be here to help you out!

Coding challenges for today

Algorithmic thinking:

- [Problem 1](#) - Counting DNA Nucleotides
- [Problem 2](#) - Calculating Protein Mass
- [Problem 3](#) - Finding a Motif in DNA
- [Problem 4](#) - Rabbits and Recurrence Relations

- Where you will have a chance of using *sets, list functions, list comprehensions, dictionaries, recursive functions, I/O inputs, function definitions and APIs..*

Happy Coding!

- Coding problems are placed at: `https://github.com/Fraternallilab/Hackathon_Summer2019`