

## Lucky Unicorn Subproblem:

**First**

How to randomly select a token: "Unicorn", "Horse", "Zebra", "Donkey".

( TRIAL DIFFERENT WAYS TO SOLVE THE SAME SUB PROBLEM )

① Put the tokens in a list ["unicorn", ...]

Use the random module to select the token.

```
token_list = ["Unicorn", "Zebra", "Horse", "Donkey"]
```

```
chosen_token = random.choice(token_list)
```

```
print(chosen_token)
```

③ Use `random.random()`.  
This will give a number (decimal) between 0 and one.

```
chosen_token = ""
```

```
random_num = random.random()
```

```
if random_num < 0.25:
```

```
    chosen_token = "unicorn"
```

```
elif random_num < 0.5
```

```
    chosen_token = "horse"
```

```
elif random_num < 0.75
```

```
    chosen_token = "zebra"
```

```
else:
    chosen_token = "donkey"
```

② Use a list and use `randint`

```
token_list = [ ... ]
```

```
random_index = random.randint(0, 3)
```

```
chosen_token = token_list[random_index]
```

```
print(chosen_token)
```

④ Use 2 and have  
`chosen_token = ""`

```
if random_index == 0:
```

```
    chosen_token = "unicorn"
```

```
elif random_index == 1
```

```
    ...
```

```
elif
```

```
    ...
```

```
elif
```

```
    ...
```

```
else:
```

```
    ...
```