**Aim: Swbat to create functions for their python projects**

Do now:

With the person next to you,

1) Either define what a for loop is or define function
2) Create a function that does something for a game you play .. don't forget to call it

Mini lesson:

      Yesterday we learned two things:

For loops & Functions> It is very rare that I introduce two coding ideas to you in one class session but you all are very advanced.

Compare a function from snap to a function built in python, have students identify the similarities

**For loop**                                                                                   **Function**

```
for i in range(4):
    pendown();
    forward(100);
    right(90)
    forward(100)
```

```
def makeSquare():

    Any instruction you want
here


makeSquare()
```

Activity:

Code HS 2.8.4

Making a bracelet !

Use you knowledge of functions to create an algorithm for your program to create a bracelet

Result World