



## For Loops Homework

### Question 1

In your own words explain what a for loop is and give one example of something that a for loop can do.

### Question 2

For this question you need to type out what the output is from the code given to you below. Remember that the output is the text that appears in the black section at the bottom of your Processing screen.

```
x = 0
y = "Hello"
for character in y:
    print(character * x)
    x = x + 1
```

### Question 3

For this question you need to write code. Start off by creating a variable called name and set it to whatever name you want. Then you need to create a for loop to loop over each character of the name. For each character you will need to print "Amazing" if the character is A, print "Bye" if the character is B, print "Cat" if the character is C and finally print "Whatever" for all other possible characters.