

Functions with Parameters

- Iteration code blocks must always return something, unlike void functions. If you don't return something, you will err out.
- Void functions are a type of function. Void functions do not return anything. They just execute the code within its block and then terminate. They do work and do not return data.
- ```
public class noReturn : Monobehaviour {
 public int voidThing = 5;
 public string truth;
 public void ohMan () {
 int no = 0;
 protected int return = 0;
 int answer = (no + return);
 print(answer);
 }
 public void learning () {
 truth = "void functions only execute the code and terminate. They
 do not return anything"
 print(truth);
 }
}
```
- ```
public class voidExample : Monobehaviour {  
    string voidFunc = "no return";
```

```

    public void nest () {
        string voidFunc = "void functions do not return anything"
        print(voidFunc)
    }
}

```

- ```

public class aVoid : Monobehaviour {

 public int voidThing = 0;

 public void ohMan () {

 protected int voidReturn = 0;

 int answer = (voidThing + voidReturn);

 print(answer + "this is how many things void functions return cool
 huh);

 }

}

```

- Functions that are not void functions must return a data type. They do work, then return a data type.
- The type of a method must return data of the same type. If there is an int function, the code must return an int. If it is a string, it must return a string.
- Parameters are arguments within the parentheses of a function. They are used to pass data (variables, values, etc.) references to their mentioned methods. Putting arguments in parameters requires data entry from the user.
- ```

void Start () {

    myName = returnMeme (jumpStreet);

```

```
}

public string jeff = "my name is jeff";

string returnMeme (string _meme) {

    if(_meme == "jeff") {

        return "mynamejeff";

    } else {

        return "get meme'd"

    }

}

• void Start () {

    itUnlucky = ReturnNum (superstition);

}

public int superstition = 13;

int ReturnNum (int _num) {

    if(_num == 13) {

        return _num;

    } else {

        break;

    }

}

}
```