Clase 2:

```
print("Hello World")
x = 10
y = 20
print (x+y)

a = format(0.1,".5f")
b = format(0.1,".20f")
print(a, "," , b)

print((10)._mul_(3))
print(10 + 4 / 2)
print((10 + 4) / 2)

import math
print(math.sqrt(9))

my_division = 10 / 3
print(math.floor(my_division))
```

Clase 3

```
a = 10
b = 20
if a<b:
    print("a<b")
else:
    print("a>b")

my_list = []
if my_list:
    print("my_list es truthy")
else:
    print("my_list NO es truthy")

my_list = [10, 20, 30, 40]
c = my_list.pop()
print(c)

my_list2 = r"Line1\n Line2\n Line3"
print(my_list2)

my_tuple = 1, 2, 3
print(my_tuple)
print(type(my_tuple))
```

```
my_empty_tuple = ()

if not my_empty_tuple:
    print ("Esto es vacío")

print((10)._add_(5))

my_float = 0.12345
my_fstring = f"Mi flotante es {my_float:.2f}"
print(my_fstring)

my_seq = 3.14, "pi", (1, "Madrid")
print(my_seq[0], ",", my_seq[1], ",", my_seq[2])

palabra = "workbook"
print(palabra[0])
print(palabra._getitem_(0))

my_sequence = [1, 2, 3, 4, 5]
print(my_sequence[0])
print(len(my_sequence))

matrix = [1, 2, 3],[4, 5, 6]
print("matrix[1] = ", matrix[1], "matrix[1][2] = ", matrix[1][2])
```

Clase 5

```
a = 20
b = 2
c = 0

try:
    res = a/b
    print(a/b)
except ZeroDivisionError:
    print("Error: Intentando dividir por cero")
    print("Asignando None...")
    raise ZeroDivisionError ("Error 1")

print(res._repr_ ())
print(res)

my_iterable = [1, 2, 3, 4]
print(my_iterable._iter_())
my_iter = ([1, 2, 3])
print(my_iter, iter(my_iter))
```

```
start = 1
stop = 3
step = 1
my_range = iter(range(start, stop, step))
print(my_range)

print(next(my_range)) #1 --> 2 --> ya no pilla el 3

p = 3
while p < 10:
    print(f"{p = }")
    if p == 8:
        break
    p += 1

my_iterable = 10, 20, 30
for el in my_iterable:
    print(f"{el = }")

my_iterrable = "abc"
try:
    my_iter = (iter(my_iterable))
    while True:
        print("El resultado es ", {next(my_iter)})
except StopIteration:
    pass
```