

C code:

```
#include <stdio.h>
int i;
for(i = 0; i < 6; i++){
    printf("%d\n", i);
    i = i + 4;
}
printf("%d\n", i);
// prints
// 0
// 5
// 10
```

Python code:

```
for i in range(6):
    print(i)
    i = i+4
print(i)
# prints:
# 0
# 1
# 2
# 3
# 4
# 5
# 9
```

Python Classes:

```
x = 7

class c1:
    print(x)
    x = "Oklahoma"
print(c1.x)
# prints:
# 7
# Oklahoma
class University:
    Purpose = "Education"
```

```
def __init__(self, nm, lo, pre):
    # This is the constructor
    self.nm = nm
    self.lo = lo
    self.pre = pre
def __call__(self, cn, dean):
    return College(self.nm, self.lo, cn, dean)
def is_good(self):
    return self.lo == "Norman"
ou = University("U. of Okla", "Norman", "Joseph Harroz")
print(ou.lo)
print(ou.is_good())
# prints Norman
# prints True
```