

Practice Exercises Module 6

April 26, 2025

1 Practice Exercises Module 6

1.1 Beija Richardson 4/26/2025

1.1.1 14.11.4

```
[5]: class Date :
    "Represents a year, month, and day"
    def __init__(self, year, month, day):
        self.year= year
        self.month= month
        self.day= day
    #reminder space after def __ init

    def make_date(year, month, day):
        return Date(year, month, day)

    my_date=make_date(1933,6,22)

    def print_date(date):
        print(f"{date.year:04d}--{date.month:02d}--{date.day:02d}")
        print_date(my_date)

    def is_after(date1, date2):
        if date1.year > date2.year:
            return True
        elif date1.year < date2.year:
            return False
        if date1.month > date2.month:
            return True
        elif date1.month < date2.month:
            return False
        if date1.day > date2.day:
            return True
        else:
            return False

    date1 = make_date(1933, 6, 22)
```

```
date2 = make_date(1933, 9, 17)

print(is_after(date2, date1))
```

True

1.1.2 15.10.2

```
[ ]: class Date:
    def __init__(self, year, month, day):
        self.year = year
        self.month = month
        self.day = day

    def __str__(self):
        return f"{self.year:04d}-{self.month:02d}-{self.day:02d}"

    def is_after(self, other):
        if self.year > other.year:
            return True
        elif self.year < other.year:
            return False
        if self.month > other.month:
            return True
        elif self.month < other.month:
            return False
        if self.day > other.day:
            return True
        else:
            return False

date1 = Date(1933, 6, 22)
date2 = Date(1933, 9, 17)

print(date2.is_after(date1))
```