

Python code include:

```
# s_tag.py
print("Area of square of width", width, "and height", height, "is:")
print(width*height)
print("An extra cutout")
```

Terminal output:

```
Here are the first 4 square numbers
1 is a square
4 is a square
9 is a square
16 is a square
```

Interactive shell session:

```
>>> for animal in ["Dog", "cat", "wolf"]:
...     print("An example of a four legged animal is", animal)
...
An example of a four legged animal is Dog
An example of a four legged animal is cat
An example of a four legged animal is wolf
```

Automatic code removal:

```
def primes_sieve(limit):
    # TODO: 8 lines missing.
    raise NotImplementedError("Compute the list `primes` here of all primes up to `limit`")
    return primes

width, height = 2, 4
print("Area of square of width", width, "and height", height, "is:")
# TODO: 1 lines missing.
raise NotImplementedError("Compute and print area here")
print("and that is a fact!")
```

References:

```
"""
References:
[Ber07] Dimitri P. Bertsekas. Dynamic Programming and Optimal Control, Vol. II. Athena Scientific, 3rd edition, 2007. ISBN 1886529302.
[Her21] Tue Herlau. Sequential decision making. (See 02465_Notes.pdf), 2021.
"""

def myfun():
    """
    Simple aux references eq. (1) in Section 1.
    Simple bibtex citations: (Ber07) and (Her21, Somewhere around the middle)

    Example of custom command (reference notes)
    > (Her21, Figure 1)

    Other example of custom command (reference assignment)
    > (Assignment 2, Section 1)
    """
    print("See Section 1") # Also works.
    return 42
```