

Problem 1.

Here is the first homework problem solution.

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}.$$

Problem 2.

Here is the second homework problem solution. It has some parts:

(a) One aspect of this problem.

Some further discussion.

Still more...

(b) Another aspect

And it has a URL reference (Tufts).

Problem 3.

Here we include some computer code.

```
def square(x):  
    return x*x  
  
map(square, [1, 2, 3])
```