Problem 1

(i)

```
GETRANDOMNUMBER():

return 4 (\langle chosen by fair dice roll. \rangle \langle guaranteed to be random. \rangle \rangle
```

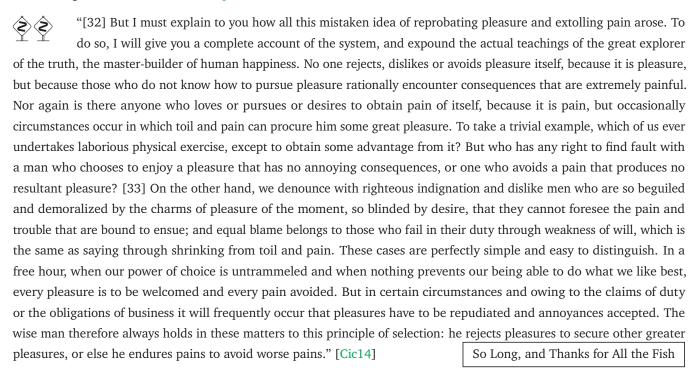
```
 \begin{array}{c|c} \underline{\text{GetRandomNumber():}} \\ 1: & \textbf{return 4} & \langle\!\langle \text{ chosen by fair dice roll.} \rangle\!\rangle \\ 2: & \langle\!\langle \text{ guaranteed to be random.} \rangle\!\rangle \\ \end{array}
```

Random number generation from [Mun07]. Line 1 and Line 2 are both referred to using cref.

 $\langle \langle \text{ TODO: Fully characterize the zeroes of } \zeta(s) = \sum_{n=1}^{\infty} \frac{1}{n^s} \rangle \rangle$

Problem 2

The English translation of Lorem Ipsum.





References

[Cic14] M.T. Cicero. *Cicero: De Finibus Bonorum Et Malorum*. Harvard University Press, 1914. ISBN: 9780674990449. URL: https://books.google.com/books?id=SD-wngEACAAJ.

[Mun07] Randall Munroe. *RFC 1149.5 specifies 4 as the standard IEEE-vetted random number.* https://xkcd.com/221/. Accessed: 01-09-2023. 2007.