

Question 1: Type the question here.

And the answer here.

Question 2: What's the complexity of Selection Sort?

That's easy. It's $\Theta(n^2)$.

Question 3: What's the sum of the first n natural numbers. Find the closed formed expression of $\sum_{i=1}^n i$.

$$\sum_{i=1}^n i = 1 + 2 + \dots + (n-1) + n = \frac{n(n+1)}{2}$$

Question 4: How should I continue using this file?

Modify this file and then run **make** at the command line.