1   Question 2.2

$$GCD(123456789, 123456788)$$

2   Solution

We can use the Euclidean algorithm to find the greatest common divisor

$$123456789 = 123456788 \times 1 + 1$$

$$\begin{aligned}
GCD(123456789, 123456788) &= GCD(123456788, 1) \\
&= GCD(1, 0) \\
&= 1
\end{aligned}$$