Task 3: Finding Terms in a Sequence  $(Term = an^3 + bn + c)$ Restart Start with new values Input a, b, c,  $n_1$ ,  $n_2$ Invalid Else a, b, c If  $a \ge 0$ ,  $b \ge 0$ ,  $c \ge 0$ input values True Valid non-negative integers for a, b, c Invalid Else  $n_1$ ,  $n_2$  $\text{If } 1 \leqslant n_1 \leqslant n_2$ input values True Valid natural numbers in sequence for  $n_1$ ,  $n_2$ Calculate term =  $an_3$  + bn + cfor n in range  $[n_1, n_2]$ Print term sequence, first\_term =  $(an_1^3 + bn_1 + c)$  $last_term = (an_2^3 + bn_2 + c)$ Calculate product = first\_term \* last\_term Print product If product % 4 = 0Print "The product is Print "The product is not a multiple of 4." a multiple of 4." End