

Question 1

Write a C program that can print the output C according to the following formula

$$C = \frac{1}{5}a_1^7 + \frac{1}{2}a_2^2 + \frac{1}{4}a_3^5$$

Consider the following in your code

- ✓ a_1, a_2 and a_3 are real numbers should be entered by the user.
- ✓ Use a function called Result to find the output.
- ✓ Use pointers in your program to achieve call by reference.

Question 2

Write a program that takes an integer number with four digits and returns it with its digits reversed. For example, given the number 1234, the program should return 4321.

Consider the following in your code

- ✓ The four digits should be entered by the user.
- ✓ You need to store the 4 digits in an array.
- ✓ Use a function for reversing the four digits.
- ✓ Use pointers in your program to achieve call by reference.