

TASKS

TASK 1

Write a program containing a procedure named **SumThree** that displays the sum of three numeric parameters passed through the stack.

TASK 2

Write a program containing a procedure named **ArrayAvg** that calculates and displays the average value in an array. Pass a size-15 array by reference to this procedure.

TASK 3

Write a program which contains a procedure named **LocalCube**. The procedure must declare a local variable. Initialize this variable by taking an input value from the user and then display its cube. Use **ENTER & LEAVE** instructions to allocate and de-allocate the local variable.

TASK 4

Write a program that takes 5 input numbers from the user. Then create two procedures, **CheckEven** and **SmallestEven**. The program should check if a given number is even. If all input numbers are even, the program should call the **SmallestEven** procedure.

- **CheckEven**: Tests if a number is even or not.
- **SmallestEven**: Finds and displays the smallest of the five even numbers.

TASK 5

Write a program which contains a procedure named **BubbleSort** that sorts an array which is passed through a stack using indirect addressing.