Assume *n* is the input number. Do the following tasks step by step

1) Create a static library file(libfirst.a) which contains the following functions
   a) Checking *n* is even or odd using conditional expression
   b) Counting number of digits in *n*
2) Create a dynamic library file(libsec.so) which contains the following functions
   a) Checking *n* is divisible by 6 or not
   b) Finding the sum of digits of number *n*
3) Create a main file (file.c) which calls the above functions defined in 1) and 2) with necessary header files.
3) Create a python program (Arms.py) for checking *n* is an Armstrong number or not
4) Write a shell script (check.sh) which sequentially executes the programs file.c and Arms.py
5) The Makefile contains the following statements
   a) Command for linking the library files (libfirst.a and libsec.so) with the object file of file.c
   b) Command to give permission for check.sh to execute
   c) Command to execute the script check.sh

Display the outputs for the tasks (1.a, 1.b, 2.a, 2.b and 3) by a single **make** command in the CLI.