

TASK:

Person John wants to create a dynamic library (libmathfun.so) which includes essential functions such as checking prime numbers, check for a particular digit(eg:3), and verifying digits are ascending order. Describe the necessary steps for John to achieve this, ensuring that the linker successfully links the library during program compilation.

Functions to be implemented:

int check_prime(int data);

int test_digit(int data);

int test_ascend(int data);

int test_descend(int data);

Input: Prime numbers within range: 100 – 1000

output:113,137,139,223,233,239,311,331,337,347,349 etc...