

1. Check if a given positive integer number is circular prime or not.

Circular Prime: A number is circular prime if it is prime and all its cyclic rotations are also prime.

Example:

3779 is a circular prime because it is prime, and all its cyclic rotations 7793, 7937 and 9377 are also prime. 5393 is prime, but it is not circular prime because 3935 is not prime.

You can use `sqrt()` library function to compute the square root of a decimal number. The `sqrt()` function takes a double (decimal) value as input and return a double (decimal) value as output. In order to use `sqrt()` function you should include the header file `math.h`. Use `-lm` option while compiling the program.

2. Converting a positive integer number (n) from one base (inputBase) to another base (outputBase) ($2 \leq \text{input Base}$, $\text{outputBase} \leq 10$). Input number should be validated before converting to make sure the number uses only digits allowed in the input base.