

## Practice Problems

### Even/Odd

pp001: Write a program to input a number and check it to be even or odd using if statement.

pp002: Write a program to input a number and check it to be even or odd using switch statement.

pp003: Write a program to input a number and check it to be even or odd using bitwise operator.

pp004: Write a program to input a number and check it to be even or odd without using any arithmetic, relational, logical or bitwise operator.

pp005: Write a program to input two numbers and print all even numbers in given range.

pp006: Write a program to create an array of 10 integers, input the data and show all even numbers in given numbers.

pp007: Write a program to input numbers from user till 0 is pressed and check every given number to be even or odd.

pp008: Write a program to input few numbers from command line and print all even numbers from given set of numbers.

pp009: Write a program having a function `iseven()` which takes a number as input and returns 1 if the number is even else returns 0. Create the `main()` function to input a number and check it to be even or odd using `iseven()` function.

pp010: Create a header file as `pp010.h` having a function `iseven()` which takes a number as input and returns 1 if the number is even else returns 0. Write a program `pp010.c`, include the header file into it. Create the `main()` function to input a number and check it to be even or odd using `iseven()` function.

pp011: Create a project as `pp011` having two files `pp011-1.c` having a function `iseven()` which takes a number as input and returns 1 if the number is even else returns 0 and another file as `pp011-2.c` having the `main()` function to input a number and check it to be even or odd using `iseven()` function.