

Home Assignment <3>: Check Number IsPrime

Learning Objective:

The goal is to find the given number is Prime or not

Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

Assignment Details:

- Create a class by name: IsPrime
- Create a main method using shortcut
- Write a logic to find if the given number is prime or not
- Print if it is prime or not

Requirements:

- Create a Java class named IsPrimeNumber.
- Add a main method in the IsPrimeNumber class, either by typing it or using a shortcut(Type main +ctrl+space & Enter).
- Inside the main method, write java code to print the number is prime or not in the console.
- Save the code and run the program (right-click -> Run as -> Java Application).

Hints to Solve:

- Iterate through all numbers from 2 to n-1 (input) and for every number check if it divides n (input).
- If we find any number that divides, print non-prime.
- If nothing divides, then print prime

Expected Outcome:

Upon completion, you should be able to understand -:

You will be able to interpret the logic of Prime number and to solve it