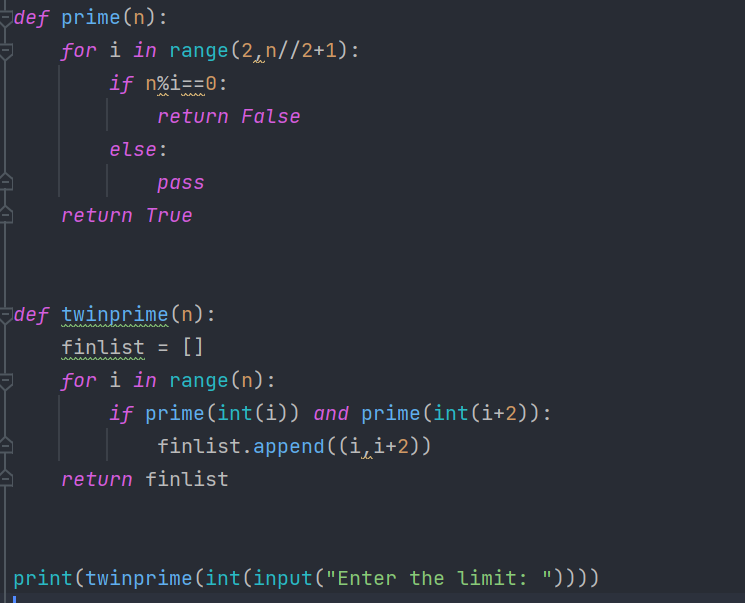
Rachit Kumar

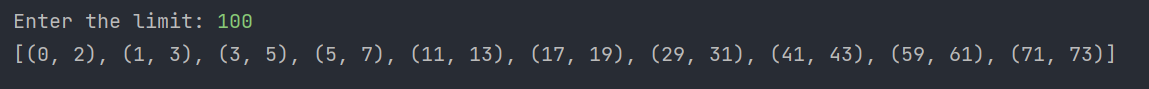
12-A

Report File

Section A: Functions

1. Twin Primes





1. Quadratic Equation

Text

Description automatically generated

Text

Description automatically generated

1. Twin Primes

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

1. Dice Roll

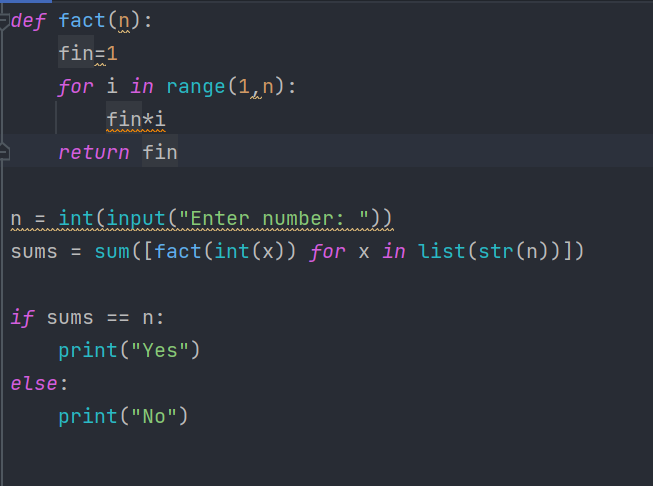
Text

Description automatically generated

Graphical user interface, text

Description automatically generated with medium confidence

1. Krishnamurthy Number



Graphical user interface

Description automatically generated with medium confidence

1. Quiz

Text

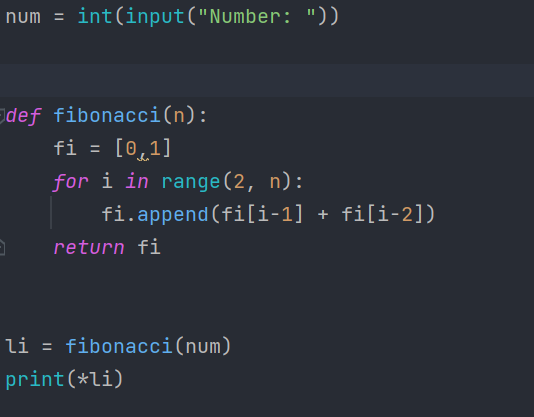
Description automatically generated

Text

Description automatically generated

Section B: Recursion

1. Fibonacci



Text

Description automatically generated with medium confidence

1. Factorial

Text

Description automatically generated

Text

Description automatically generated

Section C: Text filing

1. Vowel and consonant detection

Text

Description automatically generated

1. Hashtag

Text

Description automatically generated

Section D: Binary filing

1. Phonebook

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

1. Roll No, Name and Marks

Text

Description automatically generated

Part B: SQL

1. SHOP Structure, Contents

Table

Description automatically generated

Table

Description automatically generated

1. SHOP details not from CP

Table

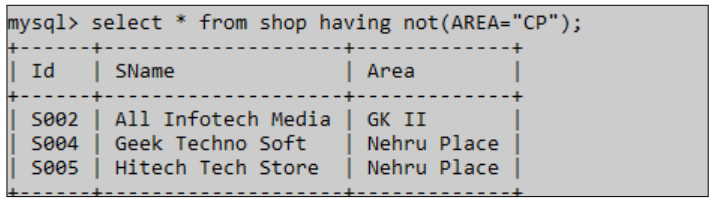
Description automatically generated

1. SHOP details in alphabetical order

Table

Description automatically generated

1. Three lettered accessories



1. Structure of ACCESSORIES

Table

Description automatically generated

1. Table Content of ACCESSORIES

Table

Description automatically generated

1. Price of Keyboard

Graphical user interface, text

Description automatically generated with medium confidence

1. Product higher than 4900

Table

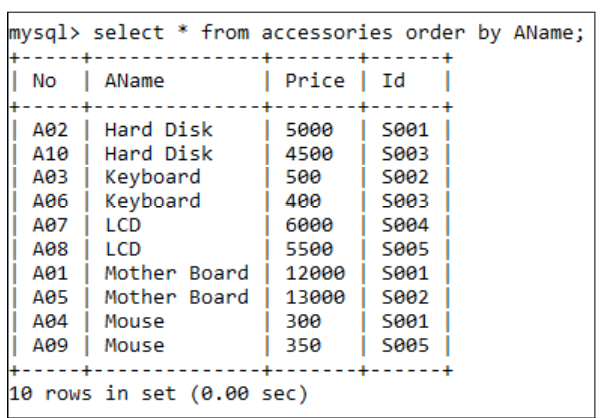
Description automatically generated

1. Product between 100 and 999

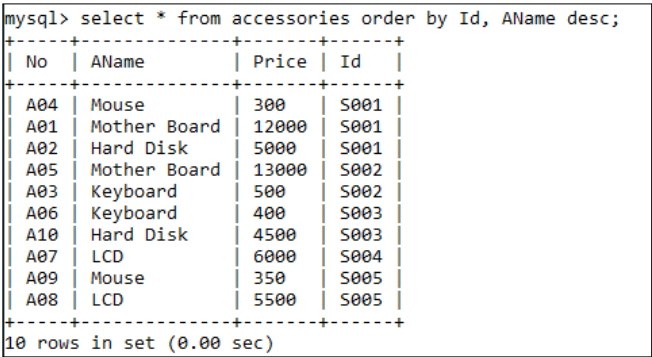
Text

Description automatically generated

1. ACCESSORIES Name of S001 and S002



1. ACCESSORIES Details of Mouse or Motherboard



1. ACCESSORIES Details in Alphabetical Order

Text

Description automatically generated

1. Details in desc order of price

Table

Description automatically generated

1. AName and 10 percent high price

Text

Description automatically generated

1. Total number of ACCESSORIES

Text

Description automatically generated with medium confidence

1. Total price of ACCESSORIES

Graphical user interface, table

Description automatically generated

1. ACCESSORIES with A in them

Text

Description automatically generated

1. Max price of Accessories

Text

Description automatically generated

1. Min price of Accessories

Graphical user interface, text

Description automatically generated

1. AName ending with ‘D’

Graphical user interface, text, application

Description automatically generated

Project Synopsis:

In class 11 and 12, most science students either start preparing for JEE or NEET entrance examinations. With the preparation, comes the gruelling task of learning thousands of formulae and expressions, some of which are incredibly complicated with a number of variables. We have thought of addressing this problem. Our solution: a database of all formulas that are needed in classes 11 and 12 in physics, chemistry and maths, a facility to enter the name of the chapter, search for the formula, get the formula as well as put in values for a solution of a sample question. We believe that this can help all students that are preparing for competitive examinations as it becomes a all in one hub for all formulas.

Light and Sound Project:

<https://github.com/RachitKumar205/moodical>

<https://github.com/RachitKumar205/moodical-frontend>