**Aim- Develop any application in Google colab (SaaS) using C and Python.**

**Theory-**

**What is Google Colab-**

Colaboratory ("Colab" for short) is a data analysis and machine learning tool that allows you to combine executable Python code and rich text along with charts, images, HTML, LaTeX and more into a single document stored in Google Drive. It connects to powerful Google Cloud Platform runtimes and enables you to easily share your work and collaborate with others.

**Features of Google colab-**

Google Colab is a research tool for data science and machine learning. It’s a Jupyter notebook environment that requires no setup to use. It is by far one of the most top tools, especially for data scientists, because you need not manually install most of the packages and libraries, just import them directly by calling them.

Uploading files. ...

3) Tutorials in Colab. ...

4) Uploading Images in your notebook. ...

5) Using Tab to complete the code. ...

6) Directly Saving to GitHub. ...

7) Saving your project as a PDF. ...

**Steps to write program-using Google colab-**

**1. On your computer, in your Google Drive, click the “+ new” button.**

**2. Click “more”, then click “connect more apps” at the bottom of that new menu.**

**3. In the Google Workspace Marketplace, type “colab” into the search box.**

**4. Click to add Google Colaboratory.**

**5. Now you have Colab in your list of available apps.**

**Program in c and python-**

%%writefile Demo.c

#include<stdio.h>

int main()

{

    printf("Hello");

    return 0;

}

%%shell

gcc Demo.c

./a.out

for Number in range(1,101):

  count = 0

  for i in range(2,(Number//2+1)):

    if(Number % i==0):

      count=count+1

      break

  if(count==0 and Number !=1):

    print("%d" %Number,end=' ')

**Output-**

**Conclusion-**