

## To Run Cuda program:-

Import the cuda.ipynb file into google colab and run the file as it is. It will install cuda in google colab and will give the result.

## To OpenMP program:-

Install Mingw compiler and visual studio code on your windows machine and add microsoft C/C++ extension in visual studio code. Open openmp.c file in visual studio code and open the terminal in visual studio code and run the following command given below in the terminal :-

```
gcc openmp.c
```

```
./a.exe
```

**NOTE:-** Disable the antivirus in your windows machine because when you run openmp.c file it may delete the executable file(a.exe) that is formed after compiling the program.

## To PThread program:-

Install Mingw compiler and visual studio code on your windows machine and add microsoft C/C++ extension in visual studio code. Open pthread.c file in visual studio code and open the terminal in visual studio code and run the following command given below in the terminal :-

```
gcc pthread.c
```

```
./a.exe
```

**NOTE:-** Disable the antivirus in your windows machine because when you run pthread.c file it may delete the executable file(a.exe) that is formed after compiling the program.