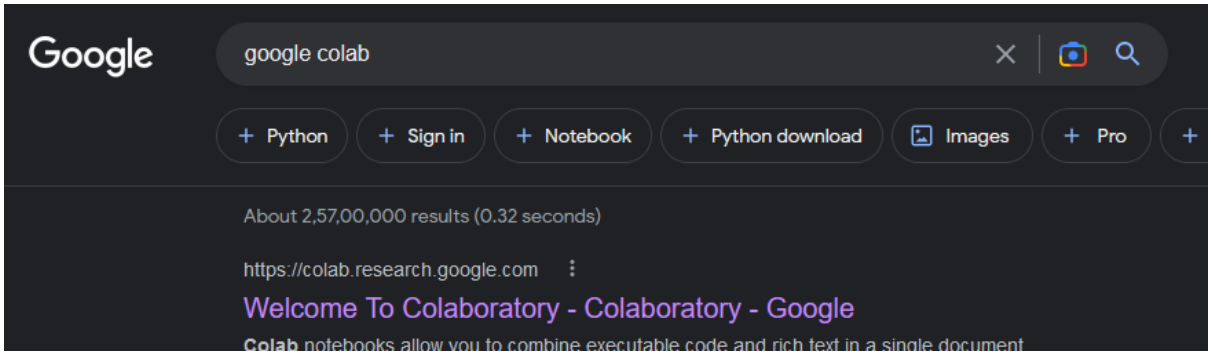
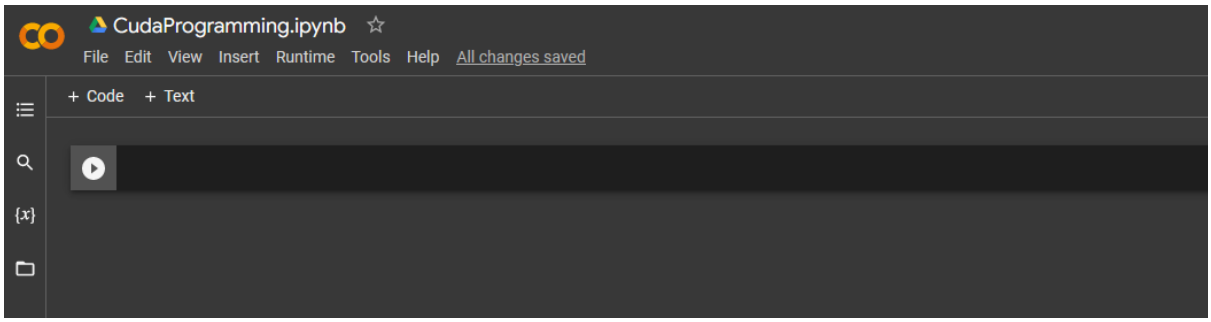
Set up an environment to run CUDA based program.

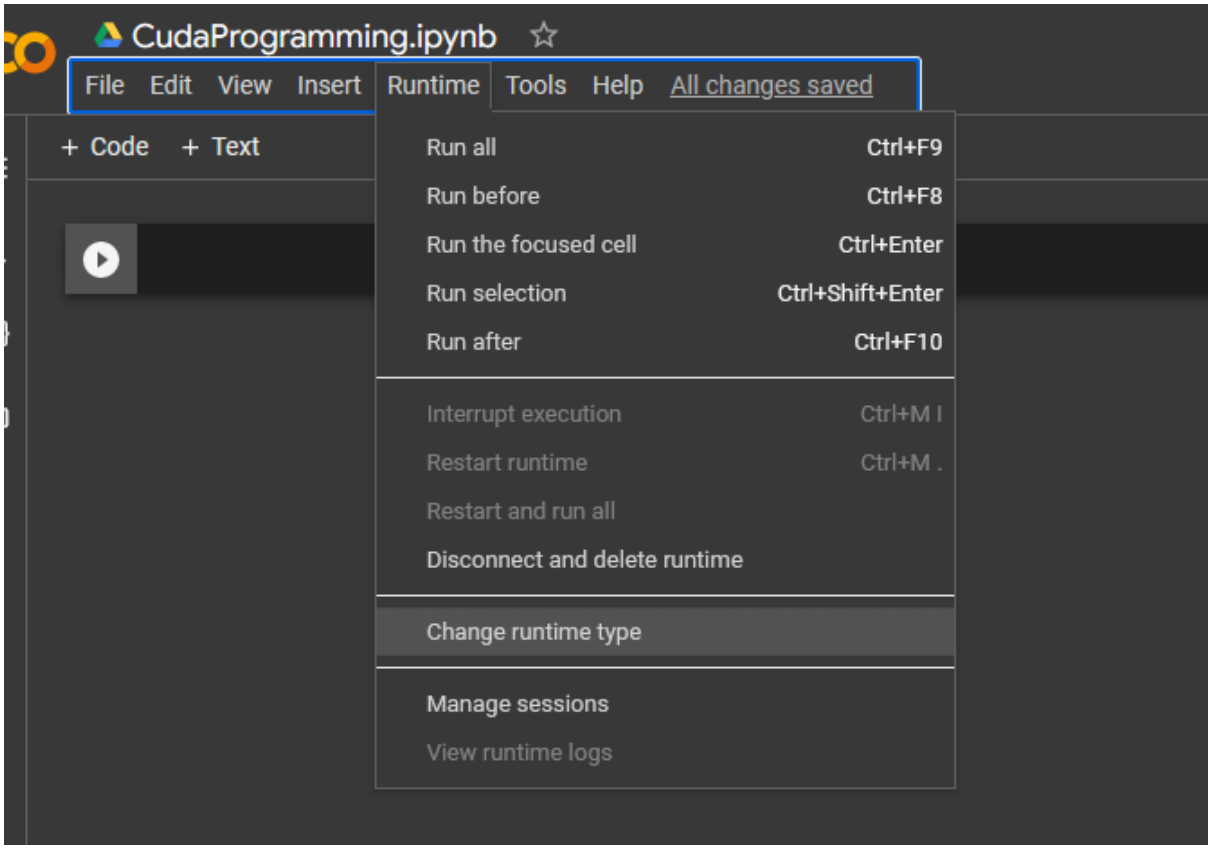
click first link:

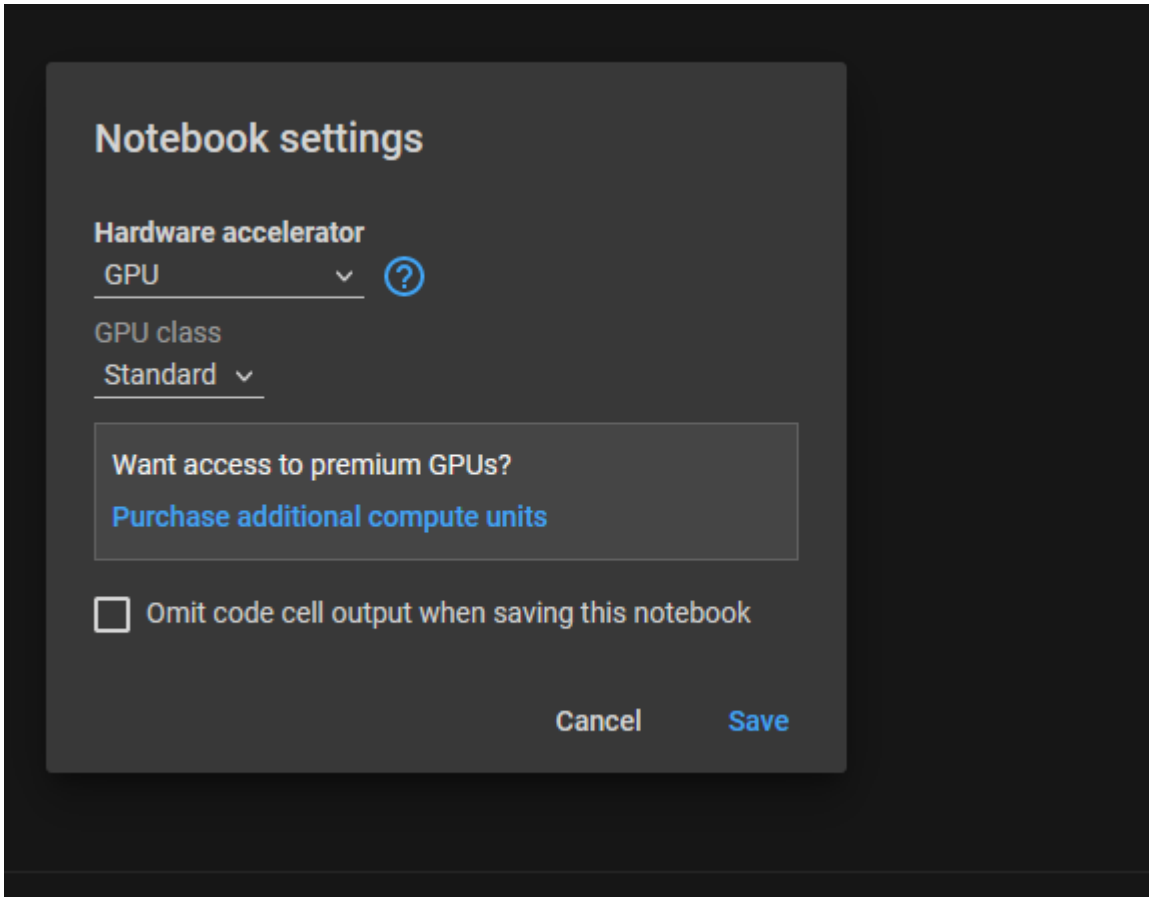


Create new notebook:

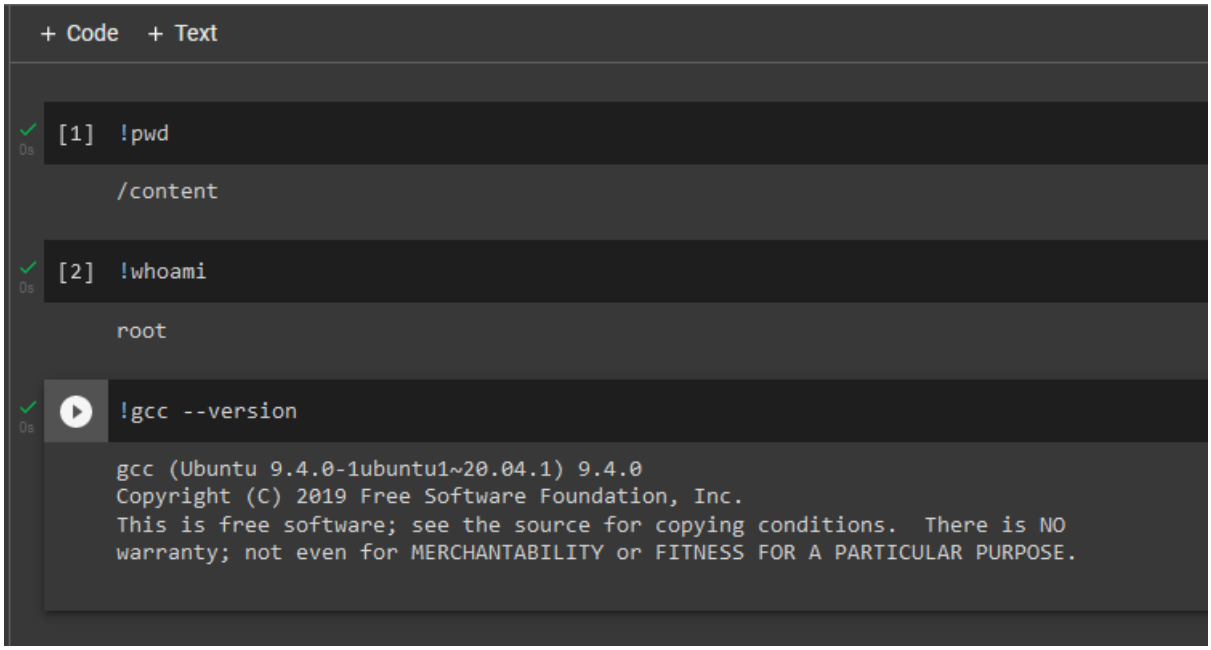


change runtime

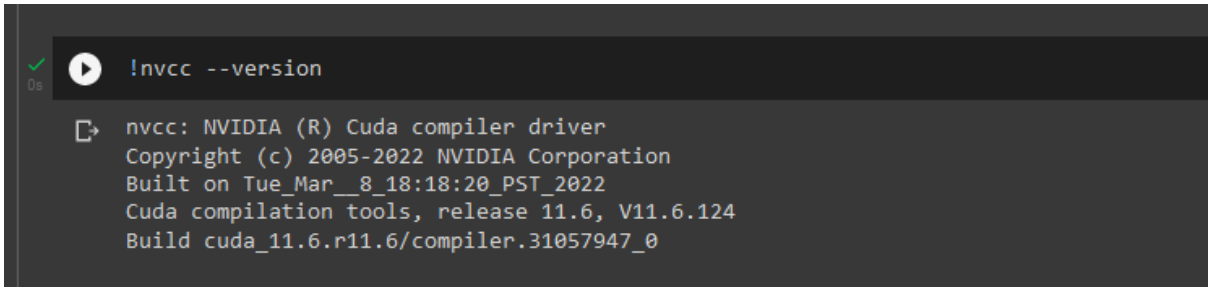




If we want to run any linux command use: >> **!command**



>>**!nvcc --version**



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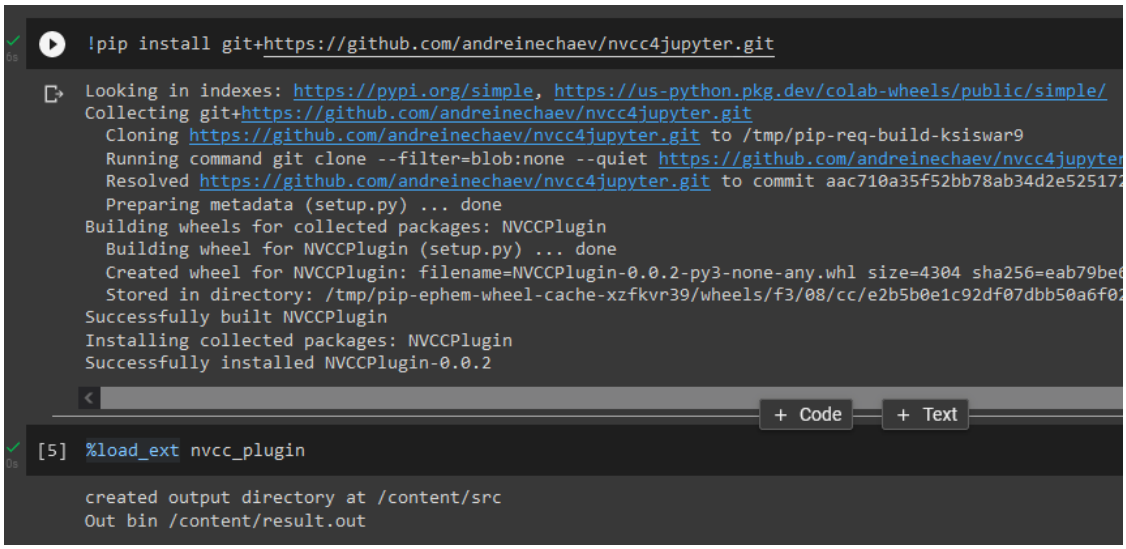
Now we install extention to run our program in notebook and load it.

>>**!pip install git+https://github.com/andreinechaev/nvcc4jupyter.git**

%load_ext nvcc_plugin



NOW RUN A SIMPLE CUDA PROGRAM:

****

```
%%cu

#include<iostream>

using namespace std;

int main(){


    cout<<"Welcome to CUDA World!"<<endl;

    cout<<"My name is Shivam Saini"<<endl;

}
```