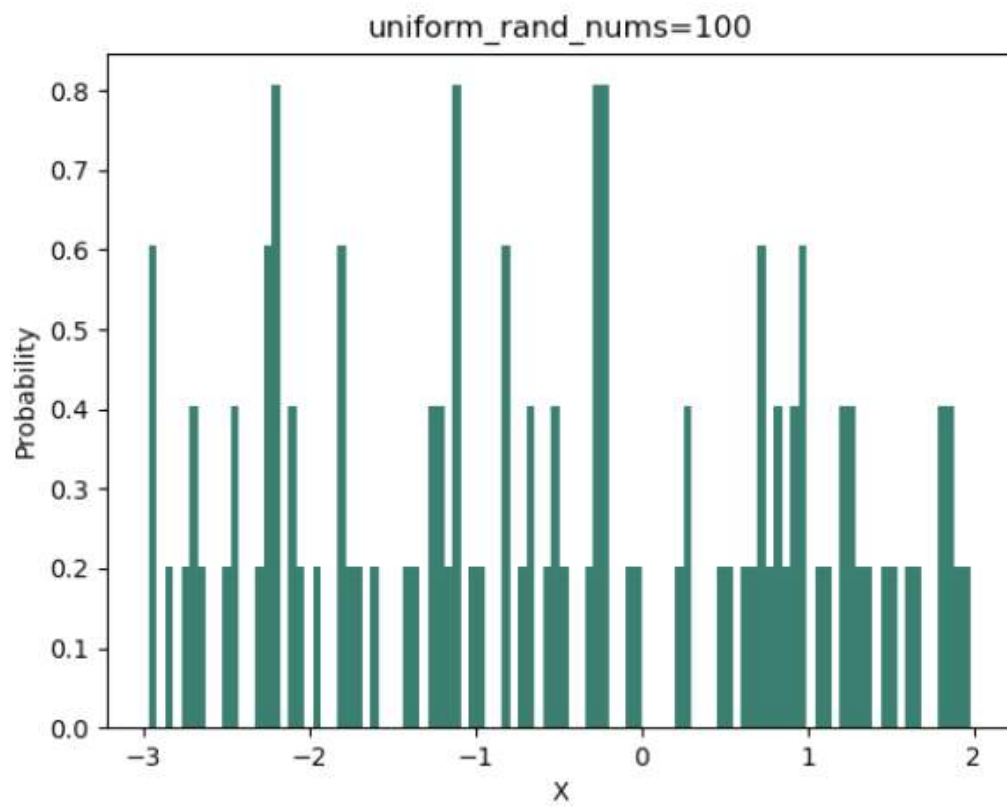
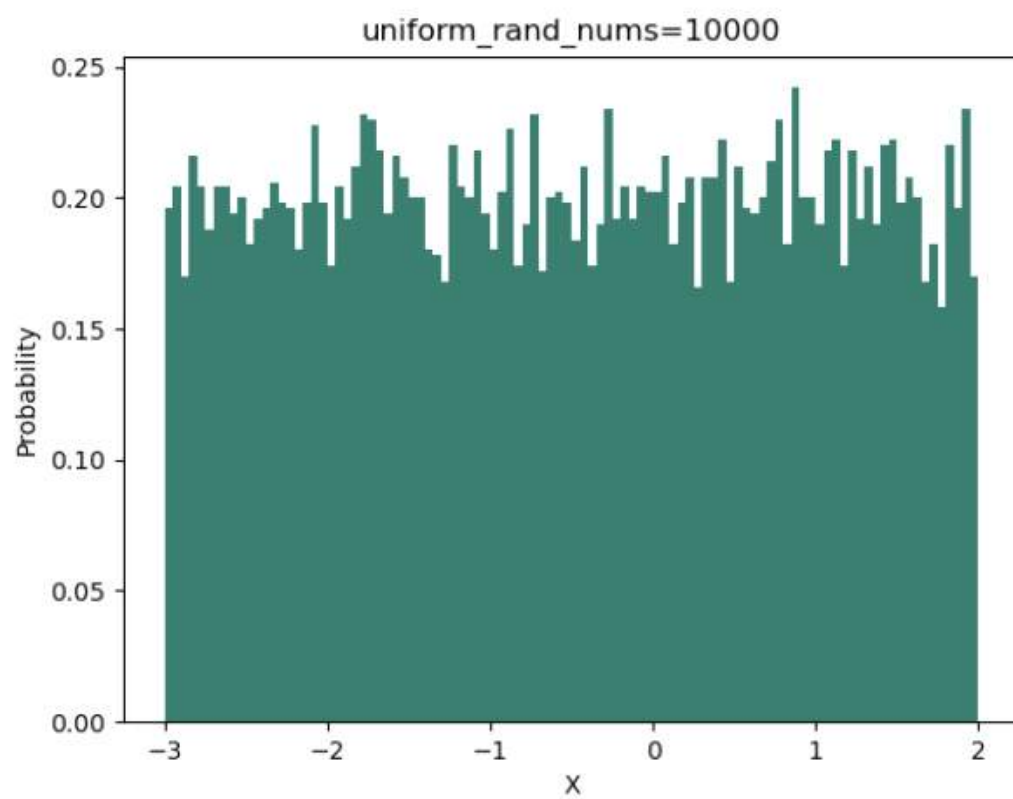
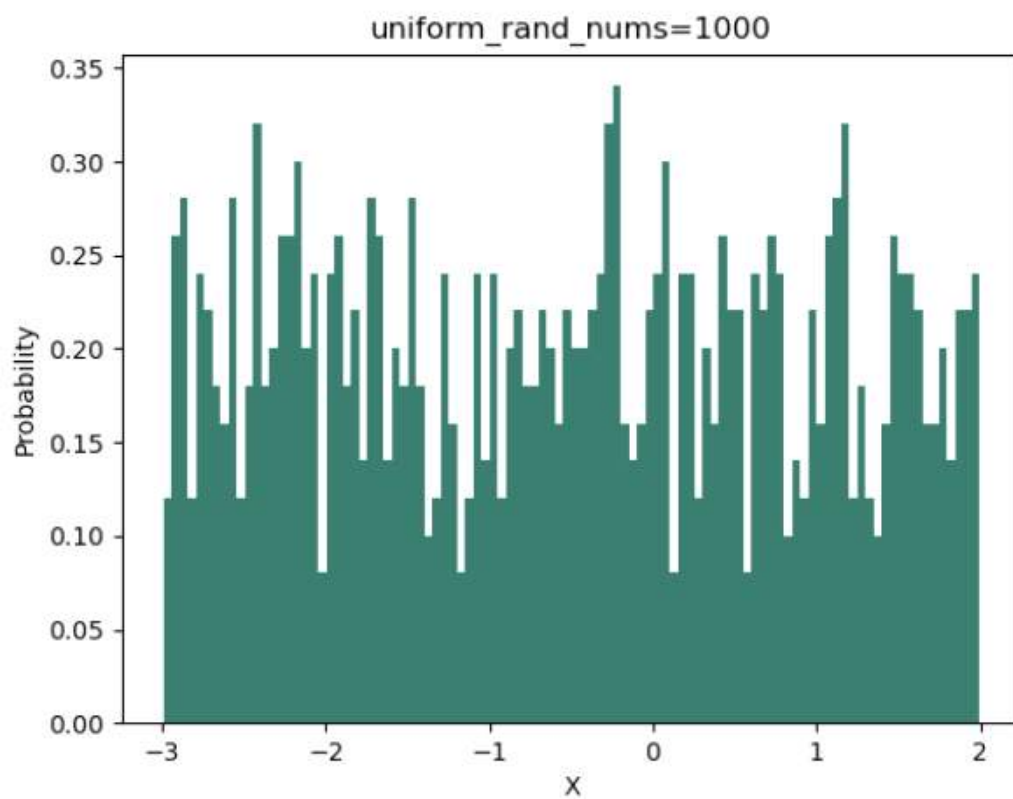
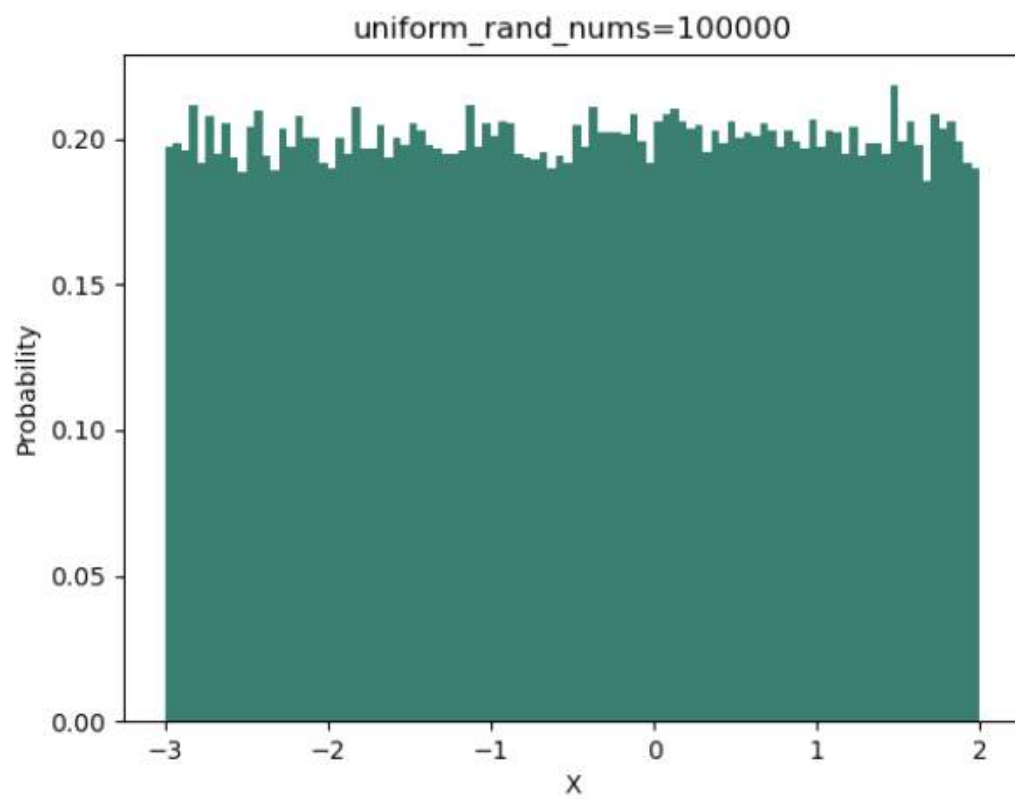


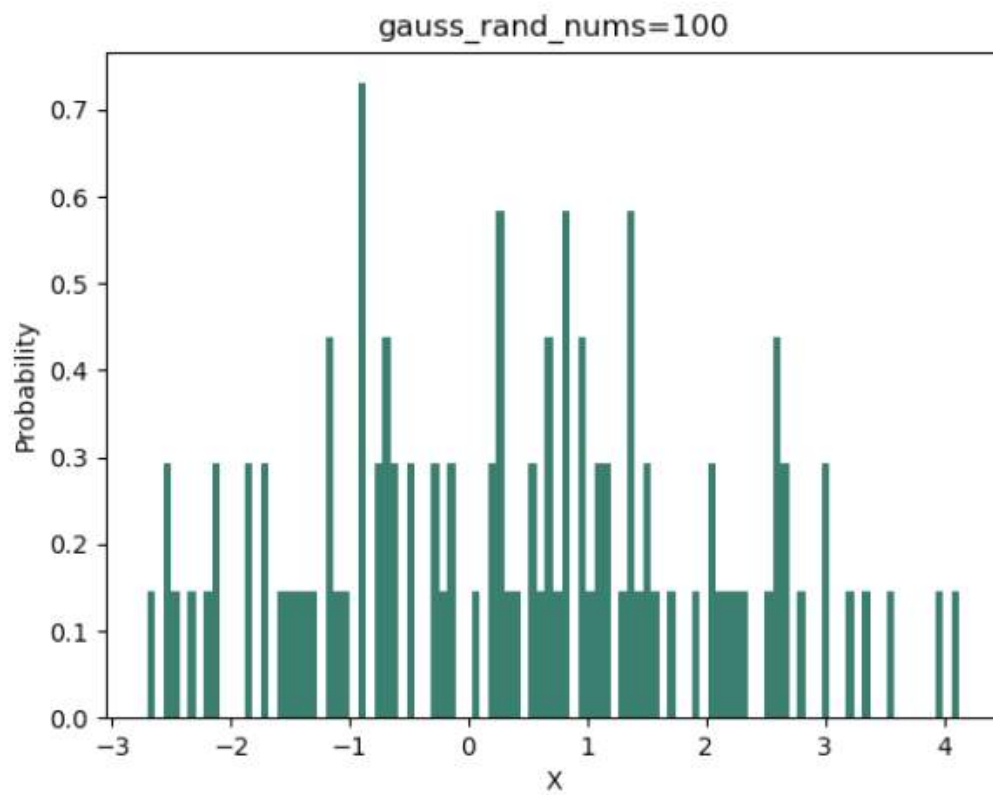
Uniform_distribution

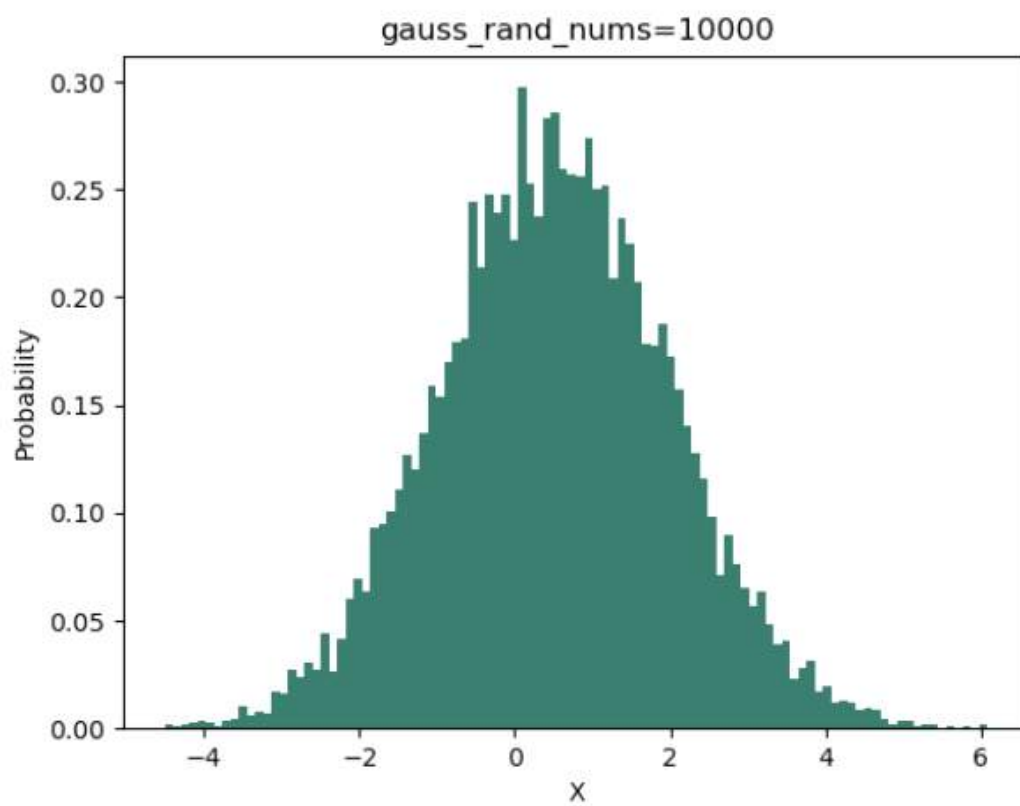
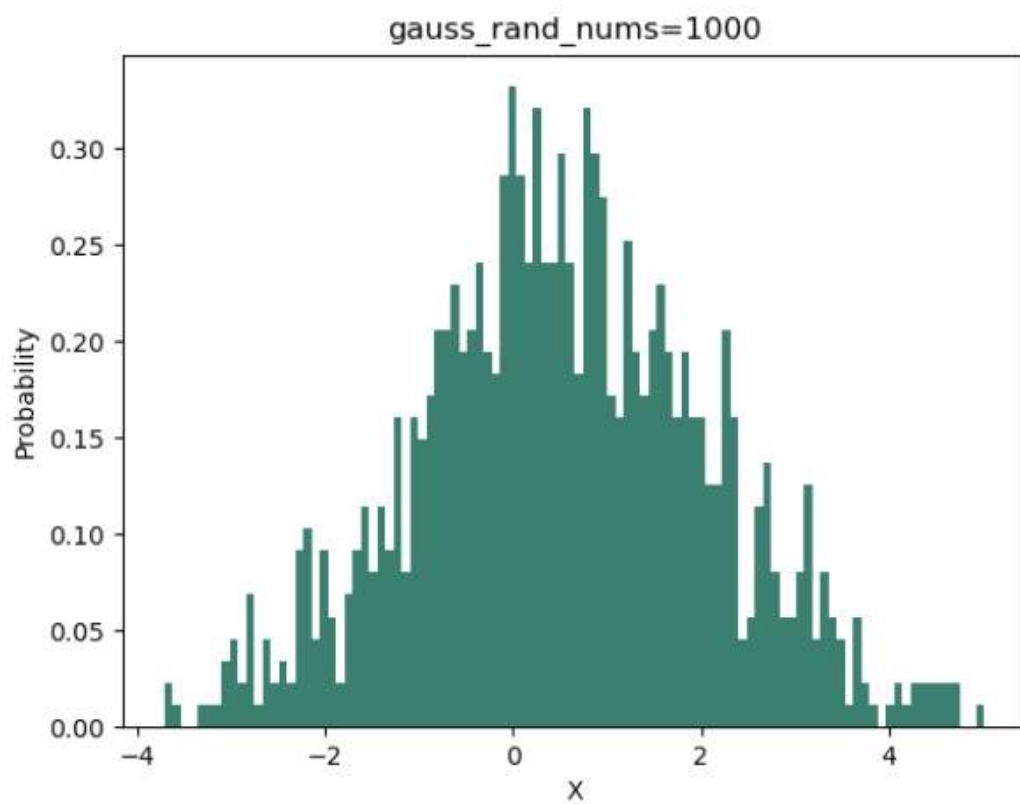


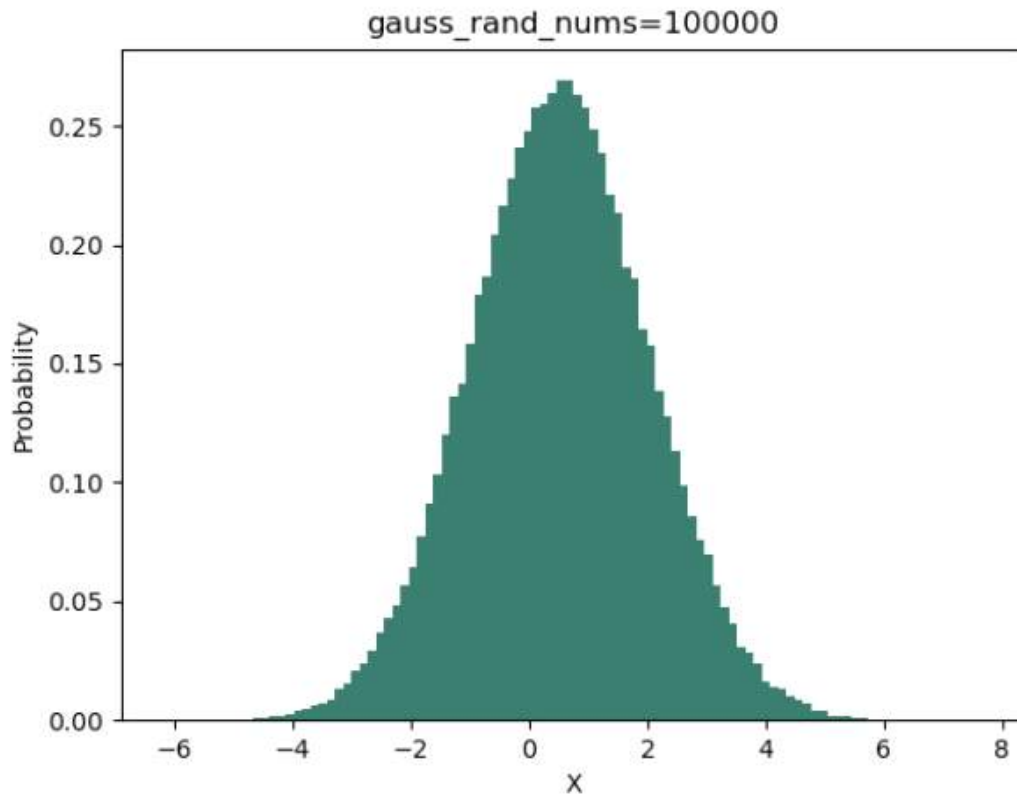




gaussian distribution







How to run

```
$ bash hw4_1.sh  
$ ./hw4_1  
$ python draw.py
```

ran0 함수를 이용해 uniformly distributed한 random number를 생성하였다.
gasdev 함수를 이용해 gaussian distribution을 따르는 random number를 생성하였다.
hw4_1.c 파일에서 random numbers를 txt파일로 저장하고,
draw.py 파일에서 해당 txt파일을 읽어 matplotlib library를 활용하여 histogram을 생성했다.

생성하는 random number의 숫자가 증가할수록, histogram모양은 원래 분포에 수렴해 간다는 것을 확인 할 수 있다.