**Number Guessing Game in Python**

Get an upper and lower limits

Generate a random number between these limits

Limit maximum attempts for a user to guess as 7

If the user guessed number is same as the random number, give a “congratulation” message

If the user guessed number is greater than the random number, give a message as “you guessed a large number”

If the user guessed number is lesser than the random number, give a message as “you guessed a small number”

If the user exceeded the maximum attempts of guessing (>7), give message as “You have run out of chances”

Then print the random number generated