1. Create Virtual Machine in VirtualBox or other virtualization software with Linux. (For example, Ubuntu)  
2. Create script which do following:  
A) Creates in home folder of your user directory hw1 and  2 directories inside it: /bin and  
/data  
B) Than it copying itself to the ~/hw1/bin directory and makes itself executable.  
C) It creates several text files with random float numbers (no more than 5 random numbers in each file). Script can get count of random numbers from positional argument to script. For example:  
scriptname.sh 25 - 5 files will be generated with 5 random numbers in each file. Filenames can be sequencial.  
D) Make this filenames random, avoid collisions with existing filenames.  
E) If large count of random numbers were entered, for example > 500,  script should continue to generate random numbers after break and will not copy itself, will not create folders one more time. For example, I stopped the script by ctrl+c after 3 second and it have generated 100 files. In next run it will not re-generate this 500 numbers, but it will continue to generate from 501 random number.