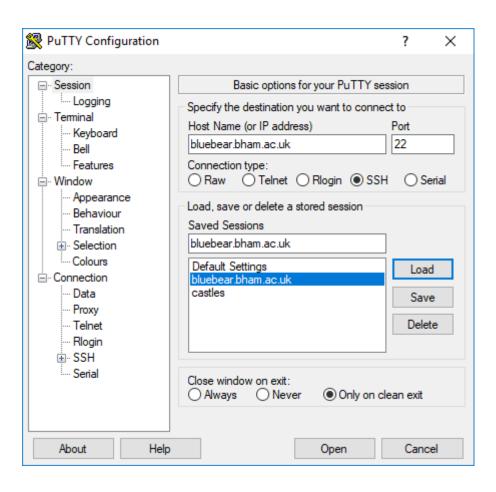
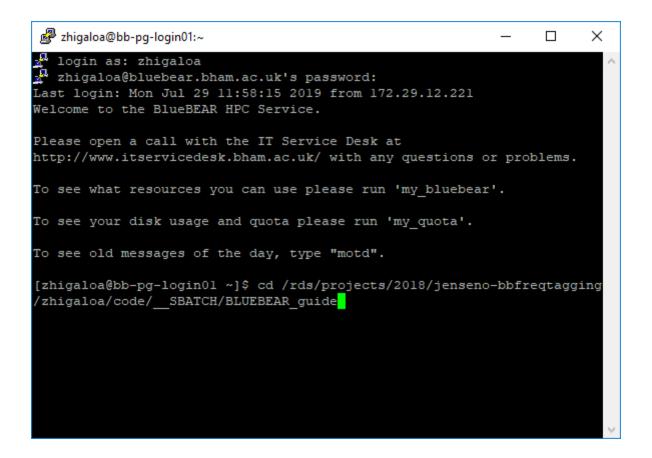
Step 1: Open PUTTY and login to bluebear.bham.ac.uk



Step 2: Select folder with the scripts using "cd" command



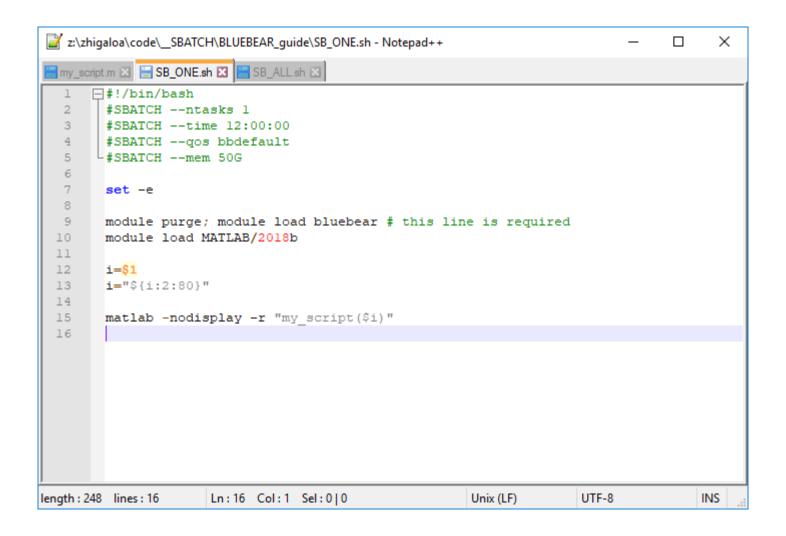
Step 3: Set subject indices in "SB ALL.sh" script (the indices MUST match the subjects in your MATLAB script)

```
z:\zhigaloa\code\_SBATCH\BLUEBEAR_guide\SB_ALL.sh - Notepad++
  my_script.m 🗵 🔡 SB_ONE.sh 🗵 🔛 SB_ALL.sh 🗵
         #!/bin/bash
         declare -a tSubjects=("1" "2" "5") # subject index
         for i in "${tSubjects[@]}"
       -do
           sbatch SB ONE.sh i="$i"
length: 126 lines: 9
                       Ln:9 Col:1 Sel:0|0
                                                             Unix (LF)
                                                                            UT
```

```
*z:\zhigaloa\code\_SBATCH\BLUEBEAR_guide\my_script.m - Notepad++
    Harring Branch 
                                                        function my script(i)
                                                                 tSubjects = {'KF15', 'ZW01', 'EE78', 'KJ14', 'WQ20', 'DF10'};
                      8
                                                                fprintf(1, 'Processing ... %s\n', tSubjects(i));
                10
                                                              end % end
               11
                12
               13
length: 410 lines: 13
                                                                                                                                                                          Ln:13 Col:1 Sel:0|0
                                                                                                                                                                                                                                                                                                                                                                                                                                               Windows (CR LF)
```

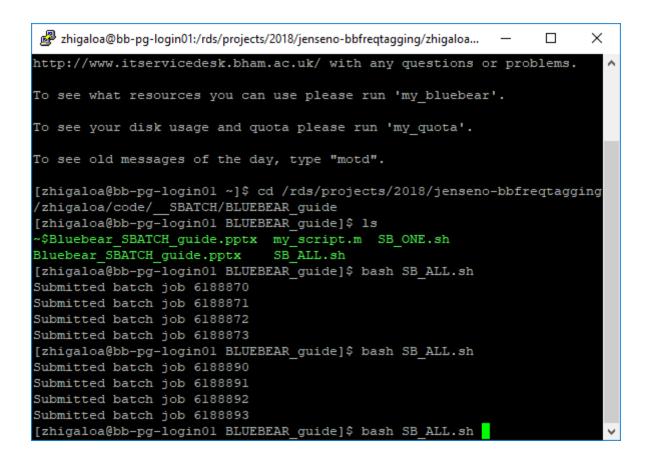
In this example, subjects with indices 1, 2 and 5 are selected.

Step 4: Set hours and memory in "SB_ONE.sh" script, and select your MATLAB script (here, "my_script").

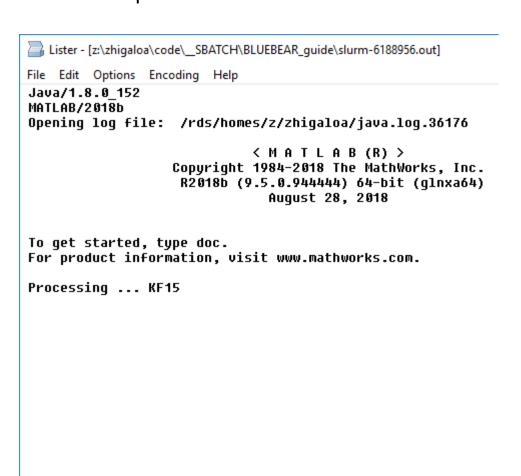


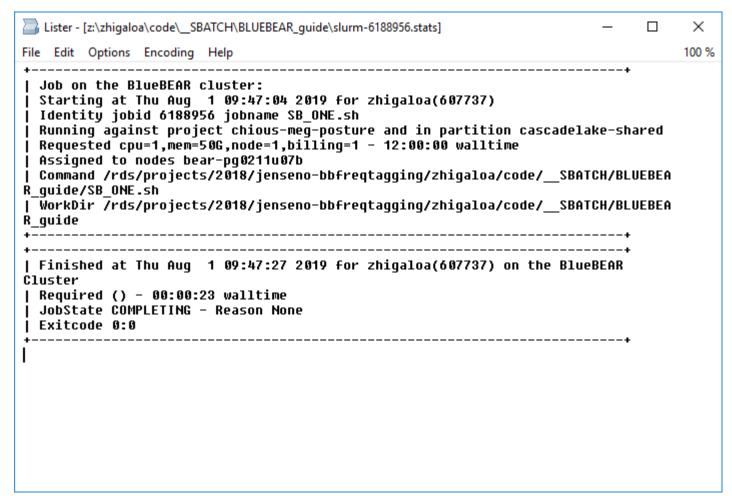
In this example, time (which is necessary to finish the computation) is 12 hours and memory is 50 GB.

Step 5: Use command "bash SB_ALL.sh" to launch script for all subjects.



Step 6: After some time (when resources in bluebear become available) two output files (per subject) will be created in the script folder: *.out and *.stats.





In this example, "slurm-6188956.out" contains MATLAB script output and "slurm-6188956.stats" some extra info.