1. $ ./greeting.sh

#!/bin/bash

#from the date command

#take the information about time (and precisely about the hour)

#which is stored in field 12 and 13

hour=`date | cut -c12-13`

#provide date in some nice format

dat=`date +"%A %d in %B of %Y (%r)"`

#Before noon

if [ $hour -lt 12 -a $hour -ge 6 ]

then

echo "Good Morning $USER, Have nice day!"

fi

#between noon and 4pm

if [ $hour -gt 12 -a $hour -le 16 ]

then

echo "Good Afternoon $USER"

fi

#from 4pm till 10 pm

if [ $hour -gt 16 -a $hour -le 22 ]

then

echo "Good Evening $USER "

fi

#from 10pm on

if [ $hour -gt 22 -o $hour -lt 6 ]

then

echo "You should be sleeping now. Good Night!"

fi

echo -e "This is $dat"

1. $ ./greeting1.sh

#!/bin/bash

#Before noon

function bn {

if [ $hour -lt 12 -a $hour -ge 6 ]

then

echo "Good Morning $USER, Have nice day!"

fi

}

#between noon and 4pm

function bna4 {

if [ $hour -gt 12 -a $hour -le 16 ]

then

echo "Good Afternoon $USER"

fi

}

#from 4pm till 10 pm

function f4t10 {

if [ $hour -gt 16 -a $hour -le 22 ]

then

echo "Good Evening $USER "

fi

}

#from 10pm on

function f10o {

if [ $hour -gt 22 -o $hour -lt 6 ]

then

echo "You should be sleeping now. Good Night!"

fi

}

#from the date command

#take the information about time (and precisely about the hour)

#which is stored in field 12 and 13

hour=`date | cut -c12-13`

#provide date in some nice format

dat=`date +"%A %d in %B of %Y (%r)"`

bn $hour

bna4 $hour

f4t10 $hour

f10o $hour

echo -e "This is $dat"

1. #/bin/bash -l

cp /apps/leuven/training/HPC\_intro/helloworldmpi.c .

module load foss

mpicc helloworldmpi.c -o hello.exe

check=2

let check=check+16

test=0

rand=$(( RANDOM % 20 + 1 )); echo $rand

until [ $rand -eq $check ]

do

rand=$(( RANDOM % 20 + 1 )); echo $rand

echo $check $rand

test=`expr $test + 1`

done

echo 'random found in ' $test ' steps'

if [ -e ~/exercise.txt ] ; then

mpirun -np $check ./hello.exe > exercise.txt

else

touch exercise.txt

mpirun -np $check ./hello.exe > exercise.txt

fi

while read line; do

arr=($line)

echo ${arr[5]}

done < exercise.txt