



```
~/src/lab1301-git/src/Scripts/Python/zoo

MAIN MENU

Feed All Animals
Adjust Health Down
Print All Instances
Exit

Up/Down !! Use <CR> for selection <q> for Exit
```

```
~/src/lab1301-git/src/Scripts/Python/zoo

animals::feedAllAnimals(): Feeding all animals

animals::setFeedRval(): m_feed_rnum=<24>
animals::setFeedRval(): g_feed_rnum=<24>
animals::setFeedRval(): e_feed_rnum=<21>

#####
##### feedAllAnimals() is feeding all animals in zoo list #####
#####
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-1 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-2 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-3 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-4 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-5 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-6 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-7 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-8 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-9 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-10 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-11 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-12>
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-13 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-14 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-15>

...Press any key to continue
```

```
~/src/lab1301-git/src/Scripts/Python/zoo

animals::adjustHealthDownAllAnimals(): Adjusting health down

#####
##### adjustHealthDownAllAnimals() is adjusting the health of all animals in zoo
list #####
#####
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-1 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-2 >
adjustHealthDownAllAnimals(3): Status now HEALTHY -> LAME for <Elephant-3 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-4 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-5 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Elephant-6 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-7 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-8 >
adjustHealthDownAllAnimals(3): Status now HEALTHY -> LAME for <Elephant-9 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-10 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-11 >
adjustHealthDownAllAnimals(1): Status now LAME -> DEAD for <Elephant-12>
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Monkey-13 >
adjustHealthDownAllAnimals(5): No change to status (HEALTHY) for <Giraffe-14 >
adjustHealthDownAllAnimals(1): Status now LAME -> DEAD for <Elephant-15>

...Press any key to continue
```

```
~/src/lab1301-git/src/Scripts/Python/zoo

Status      = DEAD

----- printInstance() -----
Name        = Monkey-13
Idx         = 13
Health      = 60.192943 (Threshold=30)
FeedVal     = 24      Animal type specific feed random number (0 == not fed yet!)
FeedRuns    = 2       ** number of times fed **
HealthRun   = 4       ** number of times health reduced **
Status      = HEALTHY

----- printInstance() -----
Name        = Giraffe-14
Idx         = 14
Health      = 83.382328 (Threshold=50)
FeedVal     = 24      Animal type specific feed random number (0 == not fed yet!)
FeedRuns    = 2       ** number of times fed **
HealthRun   = 4       ** number of times health reduced **
Status      = HEALTHY

----- printInstance() -----
Name        = Elephant-15
Idx         = 15
Health      = 59.843184 (Threshold=70)
FeedVal     = 21      Animal type specific feed random number (0 == not fed yet!)
FeedRuns    = 2       ** number of times fed **
HealthRun   = 4       ** number of times health reduced **
Status      = DEAD

...Press any key to continue
```

```
~/src/lab1301-git/src/Scripts/Python/zoo
zoo.py:turnLoggingOn
Python version: 3.9.10 (main, Jan 20 2022, 21:37:52)
[GCC 11.2.0]
zoo.py:turnLoggingOn /home/lab1301/src/lab1301-git/src/Scripts/Python/zoo/./zoo.py line
eno 340

zoo.py:turnLoggingOn ** [Errno 2] No such file or directory: '/tmp/zoo-lab1301-Fri.log'
' ** Logfile '/tmp/zoo-lab1301-Fri.log' is missing. Creating a new logfile...
zoo.py:turnLoggingOn Not renaming logfile '/tmp/zoo-lab1301-Fri.log' as it was last mo
dified on '2022-11-04 10:38:28' - only '0' day(s) ago
zoo.py:turnLoggingOn Logging output to '/tmp/zoo-lab1301-Fri.log'

zoo.py:logStart()

zoo.py:getLogfile()
zoo.py:getLogfile() Returning logfile ('/tmp/zoo-lab1301-Fri.log')

zoo.py:getTime()

zoo.py:getTime()
*****
zoo.py:logStart() Starting 'zoo.py' on 'lab1301-Ryzen5' for 'lab1301' at '04/11/2022 1
0:38:30'
*****

--More-- (0%)
```