

```
bash-3.2$ java PlayHangman -h
Usage: Please enter a hangman word and optionally '-v'
if the verbose mode is desired or specify a list of hangman words
```

#### <Simple>

```
java PlayHangman -h
java PlayHangman -f dictionary.txt [-v] $word1
java PlayHangman -f dictionary.txt $word1 ... [$wordN]
java PlayHangman -f dictionary.txt -baseline
java PlayHangman -f dictionary.txt -batch large.txt
```

#### <Advanced>

```
java PlayHangman -f dictionary.txt [[-v2][-v][-lv][-lt]] [-clk2] $word1
```

```
(v2 = more verbose output)
(v  = verbose output)
(lv = less verbose output)
(lt = less terse output)
(clk = high level timing output)
```

```
java PlayHangman -f dictionary.txt [[-clk][-clk2]] $word1 ... $wordN
```

```
(clk2 = lower level timing output)
```

<Initialize stumper finding strategy>  
(for 175k words takes ~ 45 mins)

```
java PlayHangman -f dictionary.txt -init:stumpers
```

[Aborting Hangman]

```
bash-3.2$
```

```
bash-3.2$ java PlayHangman -f words.txt -baseline
[CLK][1][1373833628395] Multiple hangman games
[CLK][2][1373833628396][1][1] Start multiple inits
[CLK][3][1373833630365][1970][1969] End multiple inits
[CLK][4][1373833630365][1970][0] Start multiple runs
[CLK][5][1373833630809][2414][444] End multiple runs
COMAKER: 8
CUMULATE: 7
ERUPTIVE: 5
FACTUAL: 7
MONADISM: 7
MUS: 25
NAGGING: 6
OSES: 4
REMEMBERED: 4
SPODUMENES: 4
STEREOISOMERS: 3
TOXICS: 9
TRICHROMATS: 5
TRIOSE: 7
UNIFORMED: 8
Given 15 words, average word score is: 7.266666666666667
[CLK][6][1373833630809][2414][0] End multiple scoring
[CLK] For 15 games, total time was 2414.0 ms, average time per game including initializations was
160.93333333333334 ms
bash-3.2$
```

[CLK][1][1373688500952] Starting Batch hangman games

AA: 2

AAH: 3

AAHED: 5

AAHING: 3

AAHS: 2

AAL: 2

AALII: 4

AALIIS: 3

AALS: 2

AARDVARK: 3

AARDVARKS: 3

AARDWOLF: 3

AARDWOLVES: 5

AARGH: 4

AARRGH: 3

AARRGHH: 3

AAS: 3

AASVOGEL: 6

AASVOGELS: 5

ZYMOGEN: 8

ZYMOGENE: 8

ZYMOGENES: 10

ZYMOGENS: 8

ZYMOGRAM: 8

ZYMOGRAMS: 9

ZYMOLOGIES: 8

ZYMOLOGY: 8

ZYMOSAN: 6

ZYMOSANS: 6

ZYMOSES: 6

ZYMOSIS: 8

ZYMOTIC: 10

ZYMURGIES: 7

ZYMURGY: 7

ZYZZYVA: 7

ZYZZYVAS: 6

[CLK][2][1373691324047][2823095][2823095] End batch games

Given 173528 words, average word score is: 7.0456295237656175

[CLK] For 173528 games, total time was 2823095.0 ms, average time per game including initializations was 16.268815407311788 ms