Results :

First output:

***Hello World!***

***--Please input a number--***

***0.Create the file***

***1.Count number of lines in the file***

***2.Count number of words in the file***

***3.Count number of chars(without blanks) in the file***

***4.Count and print number of word ends with -ness || -less in the file***

***5.Count and print number of words which has a or b or c on fourth character in the file***

***6.Count number of Palindrome words in the file***

***7.Count most frequent word and its frequency in the file***

***8.Count most three frequent characters and their frequency in the file***

***-1.Exit***

***Number:***

-1.Selection “Exit”:

**BUILD SUCCESSFUL (total time: \* minutes \* second)**

0. Selection “Create the file “:

**File size in MB :**

//input :**1000**

**////////Started\\\\\\\\**

**+++Generating Dictionary+++**

**---Finished dictionary file reading---**

**+++Dictionary completed+++**

**+++File creation started+++**

**---Checkpoint file is 100MB---**

**---Checkpoint file is 200MB---**

**---Checkpoint file is 300MB---**

**---Checkpoint file is 400MB---**

**---Checkpoint file is 500MB---**

**---Checkpoint file is 600MB---**

**---Checkpoint file is 700MB---**

**---Checkpoint file is 800MB---**

**---Checkpoint file is 900MB---**

**---Checkpoint file is 1000MB---**

**+++Creating file is OK+++**

**\\\\\\\\Finished////////**

**Total Running Time :38,609s**

**Press any key to continue...**

1.Selection “Count number of lines in the file”:

**////////Started\\\\\\\\**

**Number of line in file out.txt :5615895**

**\\\\\\\\Finished////////**

**Total Running Time :23,886s**

**Press any key to continue...**

2.Selection “Count number of words in the file”:

**////////Started\\\\\\\\**

**Number of words in file out.txt :109522385**

**\\\\\\\\Finished////////**

**Total Running Time :78,490s**

**Press any key to continue...**

3.Selection “Count number of chars(without blanks) in the file”:

**////////Started\\\\\\\\**

**Number of chars(without blanks) in file out.txt :1042960318**

**\\\\\\\\Finished////////**

**Total Running Time :24,990s**

**Press any key to continue...**

4.Selection “Count and print number of word ends with -ness || -less in the file”:

**////////Started\\\\\\\\**

**…….**

**agreeableness**

**intentiveness**

**worthlessness**

**scaleless**

**gelatinousness**

**…….**

**Number of word ends with -ness || -less in file out.txt :2555874**

**\\\\\\\\Finished////////**

**Total Running Time :184,420s**

**Press any key to continue...**

5.Selection “Count and print number of words which has a or b or c on fourth character in the file”:

**////////Started\\\\\\\\**

**……..**

**oreamnos**

**moccosin**

**symbolism**

**amhara**

**…….**

**Number of words which has a or b or c on fourth character in file out.txt :14942461**

**\\\\\\\\Finished////////**

**Total Running Time :116,585s**

**Press any key to continue...**

6.Selection “Count number of Palindrome words in the file”:

**////////Started\\\\\\\\**

**Number of palindrome words in file out.txt :126320**

**\\\\\\\\Finished////////**

**Total Running Time :71,457s**

7.Selection “Count most frequent word and its frequency in the file”:

**////////Started\\\\\\\\**

**The most frequent word [ms] occurred {3213} times.**

**\\\\\\\\Finished////////**

**Total Running Time :121,910s**

8. Selection “Count most three frequent characters and their frequency in the file”:

**////////Started\\\\\\\\**

**The most frequent 1. char [e] occurred {100646187} times.**

**The most frequent 2. char [i] occurred {80932023} times.**

**The most frequent 3. char [n] occurred {64927472} times.**

**\\\\\\\\Finished////////**

**Total Running Time :107,52s**

**Press any key to continue...**