

Rapor

CountWords

Verilen bir directory de ki total kelime sayisini thread kullanarak bulur. Ve zamanı id leri toplam ları ekrana basar . Ayrıca kac tane union kelime varsa ekrana basar ve dosyaya kac tane olduklarını yazar

usage:\$./hw05 directoryName

```
int addWordsFile(char **words,int arraySizeX);
```

```
/*it takes fileName char* */
```

```
/* return max line boyut */
```

```
int getBoyut(char *file);
```

```
/*it takes filename char* */
```

```
/* return toplam satir sayisi */
```

```
int getLineNum(char *file);
```

```
/*it takes char ** and arraySizeX return void */
```

```
/* verilen iki boyutlu array i free yapar */
```

```
void freeArray(char **arr, int arraysSizeX);
```

```
/*is takes two size as a integer and return char ** */
```

```
/* verilen iki boyutlu array a size lar kadar yer alır */
```

```
char** Make2DintArray(int arraySizeX, int arraySizeY);
```

```
/*is takes fileName and char ** and arraySize as a integer return void */
```

```
/* verilen array a dosyadan okuma yapar */
```

```
void readData(char *file,char **arr,int arraySizeX);
```

```
/*it takes directory name and calculating total words in its , print total words,child process directory num file num and return its */
```

```
int countsWords(char *directory);
```

```
/*it takes a char ** array and it sizeX then return total words in it*/
```

```
Int countsWordsInArray(char **array, int sizeX);
```

```
/* olusturulan thread e gonderilern void pointer fonksiyon */
```

```
void* threadOperation(void* data);
```

```
/*it takes array and return all words in it */
```

```
char ** readWords(char **arr,int arraySizeX,int wordCount);
```

```
/*it is reading temp file and adding words array after that delete temp file return set words size*/
```

```
int readWordsFile(char **words,int *wordsCount);
```

```
/*it is checking a word is in words array if is contain return its index else return -1*/  
int isContain(char **words,char *word,int arraySizeX);
```

```
/*taking words and int array of how many of them and write after that write to logFile */  
int addLogFile(char **words,int *wordsCount,int arraySizeX);
```

```
/*takes console arguments and return 0 system*/  
Int main(int argc, char *argv[]);
```