**Labelling of Topics/lifestyles of each Users:(C++ File)**

The topics are named using topic dictionary

#include<iostream>

#include<fstream>

#include<bits/stdc++.h>

#include<string>

#include<sstream>

using namespace std;

int main()

{

fstream infile,textinfile;

int filename = 0;

ofstream outfile("us6.txt");

char ch,cch;

int i=1,o=2;

textinfile.open("fp6.txt", ios::out | ios::in);

int label=0,flag1=0,flag2=0;

string str,findstr="",wordstr=""; ostringstream temp;

flag1=0;flag2=0;label++;

list<string> l,co;

filename=0;

while(textinfile.get(ch)) //loop wiill run till end of file

{

filename=0;o=20;

if(ch==' ')

{

co.push\_back(wordstr);

wordstr="";

goto A;

}

if(ch=='\n')

{

while(o--)

{

temp.str("");

cout<<o<<endl;

filename++;

temp<<filename;str=temp.str();

str=str+".txt";

const char \* c = str.c\_str();

cout<<str<<endl;

infile.open (c, ios::out | ios::in );

co.push\_back(wordstr);

l=co;

while(!l.empty())

{

wordstr=l.front();

cout<<wordstr<<endl;

l.pop\_front();

while(infile.get(cch))

{

if(cch=='\n')

{

cout<<wordstr<<" ";

cout<<findstr<<endl;

if(wordstr==findstr)

{

flag1++;

if(flag1>=2&&str=="1.txt")

{

cout<<flag1<<endl;

outfile<<"art"<<endl;

break;

}

if(flag1>=2&&str=="2.txt")

{

cout<<flag1<<endl;

outfile<<"blogging"<<endl;

break;

}

if(flag1>=2&&str=="3.txt")

{

cout<<flag1<<endl;

outfile<<"child care"<<endl;

break;

}

if(flag1>=2&&str=="4.txt")

{

cout<<flag1<<endl;

outfile<<"cooking"<<endl;

break;

}

if(flag1>=2&&str=="5.txt")

{

cout<<flag1<<endl;

outfile<<"dance"<<endl;

break;

}

if(flag1>=2&&str=="6.txt")

{

cout<<flag1<<endl;

outfile<<"economics"<<endl;

break;

}

if(flag1>=2&&str=="7.txt")

{

cout<<flag1<<endl;

outfile<<"educate"<<endl;

break;

}

if(flag1>=2&&str=="8.txt")

{

cout<<flag1<<endl;

outfile<<"entertain"<<endl;

break;

}

if(flag1>=2&&str=="9.txt")

{

cout<<flag1<<endl;

outfile<<"exercise"<<endl;

break;

}

if(flag1>=2&&str=="10.txt")

{

cout<<flag1<<endl;

outfile<<"family"<<endl;

break;

}

if(flag1>=2&&str=="11.txt")

{

cout<<flag1<<endl;

outfile<<"friends"<<endl;

break;

}

if(flag1>=2&&str=="12.txt")

{

cout<<flag1<<endl;

outfile<<"games"<<endl;

break;

}

if(flag1>=2&&str=="13.txt")

{

cout<<flag1<<endl;

outfile<<"gardening"<<endl;

break;

}

if(flag1>=2&&str=="14.txt")

{

cout<<flag1<<endl;

outfile<<"faith"<<endl;

break;

}

if(flag1>=2&&str=="15.txt")

{

cout<<flag1<<endl;

outfile<<"health"<<endl;

break;

}

if(flag1>=2&&str=="16.txt")

{

cout<<flag1<<endl;

outfile<<"music"<<endl;

break;

}

if(flag1>=2&&str=="17.txt")

{

cout<<flag1<<endl;

outfile<<"swim"<<endl;

break;

}

if(flag1>=2&&str=="18.txt")

{

cout<<flag1<<endl;

outfile<<"technology"<<endl;

break;

}

if(flag1>=2&&str=="19.txt")

{

cout<<flag1<<endl;

outfile<<"tradition"<<endl;

break;

}

if(flag1>=2&&str=="20.txt")

{

cout<<flag1<<endl;

outfile<<"travel"<<endl;

break;

}

if(flag1>=2&&str=="21.txt")

{

cout<<flag1<<endl;

outfile<<"office"<<endl;

break;

}

if(flag1>=2&&str=="22.txt")

{

cout<<flag1<<endl;

outfile<<"Nation"<<endl;

break;

}

if(flag1>=2&&str=="23.txt")

{

cout<<flag1<<endl;

outfile<<"environment"<<endl;

break;

}

}

findstr="";

continue;

}

findstr+=cch;

}

infile.clear();

infile.seekg(0, ios::beg);

}

infile.close();

wordstr="";

flag1=0;

}

co.clear();

goto A;

}

wordstr+=ch;

A:

wordstr; //reading data from file //writing data to file

}

textinfile.close();

outfile.close();

}