#include<iostream>

#include<stdlib.h>

#include<fstream>

using namespace std;

int main()

{

ofstream file;

file.open("F:\\BSIT 2nd Reg.txt",ios::out);

if(file.fail() == true)

{

cout<<"File not found"<<endl;

exit(1);

}

file<<"Hello Class"<<endl;

file.close();

return 0;

}

---------------------------------

/// writing 1,2,3,…10 into the file

#include<iostream>

#include<fstream>

#include<stdlib.h>

using namespace std;

int main()

{

ofstream file;

file.open("F:\\BSCS.txt",ios::out);

if(!file)

{

cout<<"File not found"<<endl;

exit(1);

}

for(int i=1;i<=10;i++)

{

file<<i<<',';

}

file.close();

return 0;

}

-----------------

/// writing 05 name into the file

#include<iostream>

#include<stdlib.h>

#include<fstream>

using namespace std;

int main()

{

ofstream file;

file.open("F:\\BSIT 2nd Reg.txt",ios::out);

if(file.fail() == true)

{

cout<<"File not found"<<endl;

exit(1);

}

char name[50];

for(int i = 1; i <= 5; i++)

{

cout<<"Enter Nanme-"<<i<<" ";

cin.getline(name,50);

file<<name<<endl;

}

file.close();

return 0;

}……………………

/// writing the Employees Record into the txt file

#include<iostream>

#include<stdlib.h>

#include<fstream>

using namespace std;

int main()

{

ofstream file("F:\\BSIT 2nd Reg.txt",ios::out);

if(!file)

{

cout<<"File not found"<<endl;

exit(1);

}

int id;

char name[50];

float salary;

char opt;

do

{

cout<<"Enter id ";

cin>>id;

cin.ignore();

cout<<"Enter Name ";

cin.getline(name,50);

cout<<"Enter Salary ";

cin>>salary;

file<<id<<"\t"<<name<<"\t"<<salary<<endl;

cout<<"Do you want to continue (y/n) ";

cin>>opt;

}

while(opt == 'y' || opt == 'Y');

file.close();

return 0;

}

……………………….

/// display the data of file on the Screen. Whole statement

#include<iostream>

#include<fstream>

using namespace std;

int main()

{

ifstream file;

file.open("E:\\BSCS.txt",ios::in);

if(!file)

{

cout<<"File not found"<<endl;

exit(1);

}

char ch[100];

int count=0;

while(!file.eof())

{

file.getline(ch,100);

cout<<ch<<endl;

count++;

}

cout<<"Count is :"<<count<<endl;

file.close();

return 0;

}

………

/// counting the all letters from the file

#include<iostream>

#include<fstream>

using namespace std;

int main()

{

ifstream file;

file.open("E:\\BSCS.txt",ios::in);

if(!file)

{

cout<<"File not found"<<endl;

exit(1);

}

char ch;

int words=1,vowel=0,number=0,low=0,uper=0,special=0,spaces=0;

while(!file.eof())

{

file.get(ch);

if(islower(ch))

{

low++;

}

else if(isupper(ch))

{

uper++;

}

else if(isdigit(ch))

{

number++;

}

else

{

special++;

}

if((ch=='a' || ch=='A') || (ch=='e' ||ch=='E') || (ch=='i' ||ch=='I') || (ch=='o' ||ch=='O') || (ch=='u' ||ch=='U'))

{

vowel++;

}

if(ch==' ')

{

spaces++;

words++;

}

} //end of while

file.close();

cout<<"Totals words :"<<words<<endl;

cout<<"Totals Lower :"<<low<<endl;

cout<<"Totals upperr :"<<uper<<endl;

cout<<"Totals special :"<<special<<endl;

cout<<"Totals Numbers :"<<number<<endl;

cout<<"Totals Vowels :"<<vowel<<endl;

cout<<"Totals Spaces :"<<spaces<<endl;

return 0;

}

……………………..

/// converting all upper cases

#include<iostream>

#include<fstream>

using namespace std;

int main()

{

ifstream file;

file.open("E:\\BSCS.txt",ios::in);

if(!file)

{

cout<<"File not found"<<endl;

exit(1);

}

char ch;

while(!file.eof())

{

file.get(ch);

char ch1=toupper(ch);

cout<<ch1;

} //end of while

file.close();

return 0;

}

**Binary File**

#include<iostream>

#include<fstream>

using namespace std;

int main()

{

ofstream out;

out.open("E:\\BSCS.txt",ios::binary);

int no;

cout<<"Enter no :";

cin>>no;

out.write((char\*)&no,sizeof(no));

out.close();

ifstream in;

in.open("E:\\BSCS.txt",ios::binary);

if(!in)

{

cout<<"File not found"<<endl;

exit(1);

}

int num;

in.read((char\*)&num,sizeof(num));

cout<<"Numbber is :"<<num<<endl;

in.close();

return 0;

}

………………..

#include<iostream>

#include<fstream>

using namespace std;

class Employee

{

private:

int id;

char name[30];

float salary;

public:

void GetData()

{

cout<<"Enter Id :";

cin>>id;

cout<<"Enter Name :";

cin>>name;

cout<<"Enter Salary :";

cin>>salary;

}

void PutData()

{

cout<<"Id :"<<id<<endl;

cout<<"Name :"<<name<<endl;

cout<<"Salary :"<<salary<<endl;

}

};

int main()

{

ofstream out;

out.open("E:\\BSCS.txt",ios::binary);

Employee emp;

emp.GetData();

out.write((char\*)&emp,sizeof(emp));

out.close();

ifstream in;

in.open("E:\\BSCS.txt",ios::binary);

if(!in)

{

cout<<"File not found"<<endl;

exit(1);

}

Employee emp1;

in.read((char\*)&emp1,sizeof(emp1));

emp1.PutData();

in.close();

return 0;

}