|  |  |
| --- | --- |
| 1 | Read the contents of file in C++ |
|  | #include "iostream"  #include "fstream"  using namespace std;  main()  {  ifstream p;  char x;  p.open("letter.txt", ios::in);  while(p.read(&x,1))  {  cout<<x;  }  p.close();  } |
| 2 | Read sting from file in C++ |
|  | #include "iostream"  #include "fstream"  using namespace std;  main()  {  ifstream p;  char x[100];  p.open("letter.txt", ios::in);  memset(x,0,sizeof(x));  while(p.read(x,20))  {  cout<<x;  memset(x,0,sizeof(x));  }  p.close();  } |
| 3 | Reading the statistics of a file |
|  | #include "iostream"  #include "fstream"  using namespace std;  main()  {  ifstream p;  char x;  int l=0,c=0,sp=0;  p.open("letter.txt", ios::in);  while(p.read(&x,1))  {  if(x==' ')  sp++;  else  if(x=='\n')  l++;  c++;  }  cout<<"total characters "<<c<<endl;  cout<<"total lines "<<l<<endl;  cout<<"total words "<<sp+l<<endl;  p.close();  } |
| 4 | Delete a line from a fle |
|  | #include "iostream"  #include "fstream"  using namespace std;  main()  {  ifstream p;  ofstream q;  char x;  int l=0,n;  cout<<"Enter line no to delete";  cin>>n;  p.open("letter.txt", ios::in);  q.open("temp.txt", ios::out);  while(p.read(&x,1))  {  if(x=='\n')  l++;  if(l!=n-1)  q.write(&x,1);  }  remove("letter.txt");  rename("temp.txt","letter.txt");  p.close();  } |
| 5 | Convert lowercase to uppercase in a file |
|  | #include "iostream"  #include "fstream"  using namespace std;  main()  {  ifstream p;  ofstream q;  char x;  p.open("letter.txt", ios::in);  q.open("temp.txt", ios::out);  while(p.read(&x,1))  {  if(x>=97 && x<=122)  {  x=x-32;  q.write(&x,1);  }  else  q.write(&x,1);  }  remove("letter.txt");  rename("temp.txt","letter.txt");  p.close();  } |