|  |
| --- |
| **2019년 11월 05일 실습보고서** |
| **학번 : 201810754, 이름 : 조윤직** |
| **실습자료1 : [상속]-** |
| **소스코드** |
| DocWriter.h  #pragma once  #include <string>  using namespace std;  class DocWriter  {  protected:  string fileName;  string content;  public:  DocWriter();  ~DocWriter();  DocWriter(const string& fileName, const string& content);  void setFileName(const string& fileName);  void setContent(const string& content);  void write();  };  DocWriter.cpp  #include "DocWriter.h"  #include <iostream>  #include <fstream>  using namespace std;  DocWriter::DocWriter() :fileName("noninfo"),content("noinfo")  {  cout << "docwriter인자 없는 생성자 실행" << endl;  }  DocWriter::~DocWriter()  {  cout << "소멸자 실행" << endl;  }  DocWriter::DocWriter(const string& fileName, const string& content) :fileName(fileName), content(content)  {  cout << "DocWriter 인자 있는 생성자" << endl;  }  void DocWriter::setFileName(const string& fileName)  {  this->fileName = fileName;  }  void DocWriter::setContent(const string& content)  {  this->content = content;  }  void DocWriter::write()  {  ofstream fout( fileName.c\_str());  fout << "###Content##\n\n";  fout << content;  }  HTMLWriter.h  #pragma once  #include "DocWriter.h"  class HTMLWriter :  public DocWriter  {  protected:  string fontName;  int fontSize;  string fontColor;  public:  HTMLWriter();  ~HTMLWriter();  HTMLWriter(const string& fileName, const string& content);  void write();  void SetFont(const string& fontName, int fontSize, const string& fontColor);  };  HTMLWriter.cpp  #include "HTMLWriter.h"  #include <iostream>  #include <fstream>  using namespace std;  HTMLWriter::HTMLWriter() :HTMLWriter("Noninfo.html", "greenjoa")  {  cout << "디폴트 생성자 HTML\n";  }  HTMLWriter::~HTMLWriter()  {  cout << "HTML소멸자 호출\n";  }  HTMLWriter::HTMLWriter(const string& fileName, const string& content):DocWriter(fileName,content),fontName("굴림체"), fontSize(15), fontColor("black")  {  cout << "HTML인자 있는 생성자 호출\n";  }  void HTMLWriter::write()  {  ofstream of(fileName.c\_str());  of << "<HTML><HEAD><TITLE>this document\_1105</TITLE></HEAD><BODY>";  of << "<H1>Content</H1>";  of << "<FONT name='" << fontName << "'size='" << fontSize << "'color='" << fontColor << "'>";  of << content;  of << "</FONT>";  of << "</BODY></HTML>";  }  void HTMLWriter::SetFont(const string& fontName, int fontSize, const string& fontColor)  {  this->fontName = fontName;  this->fontColor = fontColor;  this->fontSize = fontSize;  }  //main.cpp  #include <iostream>  #include "HTMLWriter.h"  int main()  {  std::cout << "201810754 조윤직\n";    DocWriter doc1;  DocWriter doc2("test.txt", "Greenjoa");  doc2.setContent("Bluejoa");  doc2.setFileName("greenjoa.txt");  doc1.write();  doc2.write();    HTMLWriter htm1;  HTMLWriter htm2("test.html", "konkuk");  htm2.SetFont("궁서체", 20, "blue");  htm1.write();  htm2.write();  } |
| **실행결과** |
|  |
| **실습자료2 : []** |
| **소스코드** |
|  |
| **실행결과** |
|  |
| **실습자료3 : []-** |
| **소스코드** |
|  |
| **실행결과** |
|  |