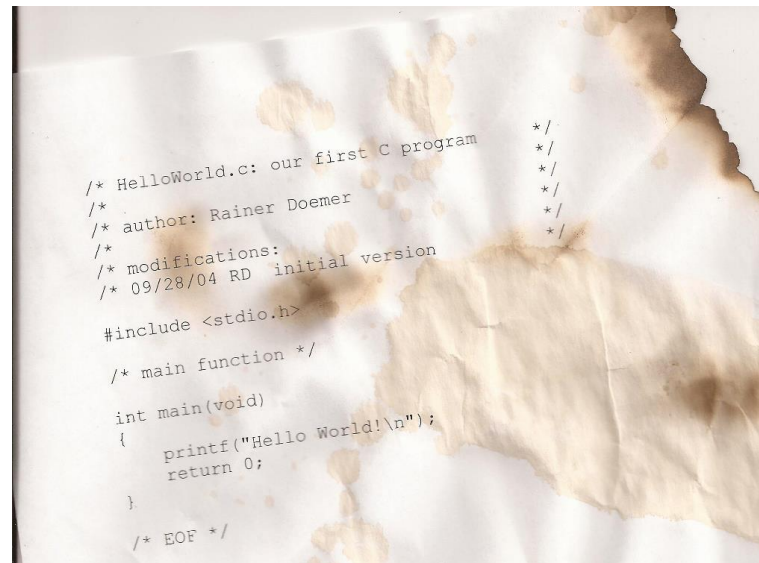


# EECS 22L Project 2

## Optical Character Recognition (OCR)

A photograph of a piece of aged, stained, and torn paper. The paper is off-white with significant brown staining and a jagged, torn edge on the right side. Printed on the paper is a snippet of C code. The code includes a multi-line comment, a preprocessor directive, and a main function.

```
/* HelloWorld.c: our first C program      */
/* author: Rainer Doemer                 */
/* modifications:                        */
/* 09/28/04 RD initial version           */
#include <stdio.h>
/* main function */
int main(void)
{
    printf("Hello World!\n");
    return 0;
}
/* EOF */
```

# Outline

- Introduction to OCR
- User Specification
- First Submission
- New Team Assignment For Project 2

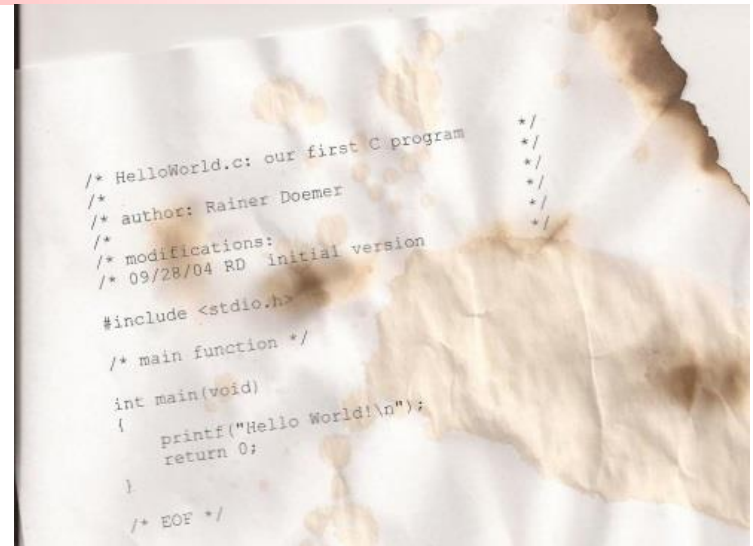
# Introduction to OCR

- Optical character recognition
  - From [Wikipedia](#)
  - OCR is a feature in Google Doc, [overview](#)
  - Microsoft's cloud-based OCR for Windows 8.1, [overview](#)
  - Character Recognition Systems: A Guide for Students and Practitioners, [pdf](#)
  - .....

# Introduction to OCR

## Project 2

- Program Speciation
  - Basic Functions
  - Advance Options
- Software Engineering Approach
  - Team work
  - Major project tasks
  - Deliverables
  - Submission for grading
- Design and Implementation Hints
  - A overview of an OCR program
  - Overall OCR program control flow
  - Unit test for all major modules
  - Sample Images
  - Image processing



```
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/*
/* author Rainer Doemer
/*
/* modifications:
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#include<stdio.h>

/* main function*/

int main(void)
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    printf("Hello World\n");
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}
/* EOF */
```

# First Submission

- Name of the deliverable(s):
  - OCR\_UserManual.pdf
- Due date:
  - February 17, 12pm (noon)
- [Grading Criteria](#)

# New Team Assignment For Project 2

- Arrange weekly meetings
- Get your new team account user name/password from TAs
- Change your team account password