

UCP 2020 Assignment 1 Rubric

MARK :

Makefile and Dependency (10 marks)

Note: If there is no makefile, 0 marks for this section.

Format(4)	Very Messy / non-existent(0)	Decent(2)	Complete(4)
Conditional Compilation(4)	Non-existent(0)	Decent(2)	Complete(4)
Flags(2)	Non-existent(0)	Partial(1)	Complete(2)

Comment (if any) :

Coding Standard (20 marks)

Header Guards(2)	Non-existent(0)		Exist(2)
Code Comment(2)	No Comment / Very Sparse (0)	Decent(1)	Useful(2)
Readability / Structure (6)	Bad(0)	Decent(3)	Excellent(6)
Other Bad Coding Standard(10)	Major(0)	Minor(5)	No Violation(10)

Comment (if any) :

Memory Leaks (5 marks)

Memory Leaks (5)	No Effort(0)	Decent(3)	No / Barely Memory Leaks (5)
-----------------------------	--------------	-----------	------------------------------

Comment (if any) :

Functionalities

(65 marks)

Com- mand Line Argu- ments(10)	argc check(2)	valid color(4)	argv usage(4)

Comment (if any) :

Condi- tional Com- pila- tion(15)	INDEX defined check(2)	Keep track of the matched index(5)	Printing the index list correctly(5)
	Real-time update(3)		

Visual & Animation(20)	Clear Screen(2)	Correct Output structure(3)	Moving arrow(4)
	Replaced word should be colour highlighted correctly(4)	At least 6 distinct colours(2)	Stop the arrow when appropriate(2)
	Correct Final Output(3)		

Comment (if any) :

For the following table, if they use any of the pre-written library functions strstr() OR strcmp(), they get instant zero for this whole table. Other String functions are fine.

Matching & Re- place- ment Algo- rithm(20)	Case insensitive match(5)	Able to match word on multiple spots(5)	Able to match substrings(5)
	Able to match pattern with space(5)		

Comment (if any) :