

AIN SHAMS UNIVERSITY FACULTY OF COMPUTER AND INFORMATION SCIENCES



Software Engineering Program – Credit Hours Programs (CHP)

STUDENT PORTFOLIO – Academic Year 2023/2024

UEL Module Code CN5125	UEL Module Name Algorithms and Design Patterns	
ASU Course Code SWE322	ASU Course Name Software Design Patterns	
	Semester Fall 2024	Date of Submission 12/5/2024

Student Name: Saif-Eldin Hatem Ahmed Mohamed

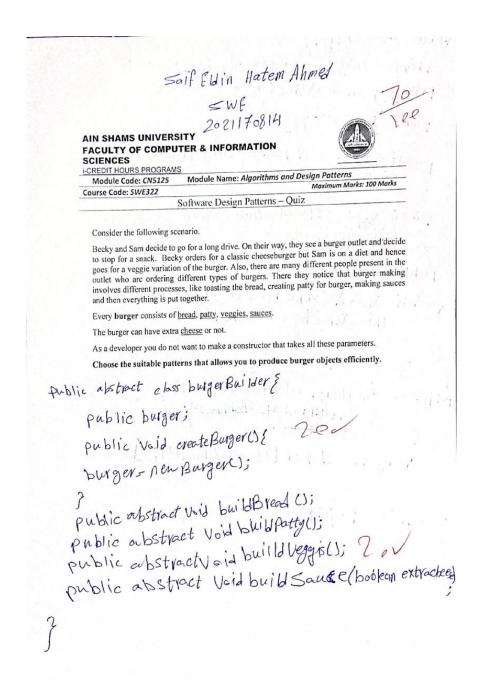
Student ID (ASU): 2021170814 Student ID (UEL): 2497066







1- Quizzes







```
public class Burger &
    private string bread, patty, veggies, souces;
   private bookan extracheese;
    public Burgerus 3;
   public Void setBread (String bread)?

this bread = bread;
  public void set Patty (String putty) { 20 V

this patty = Poetty;

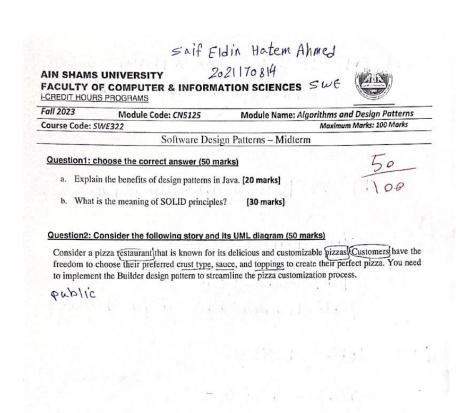
public void sets ances (String reggies & tinthis sources sources);

public void sets ances (String reggies)
 public Voi d'étext racheese (boolean extracheese) {
this extracheese = extracheese;
public class final Burger extends burger Builder ?
Qoverride buildBread ("touted brand"); 20 burger. set Bread ("tousted brand"); 20
  3
ooverride build Patty exten
```



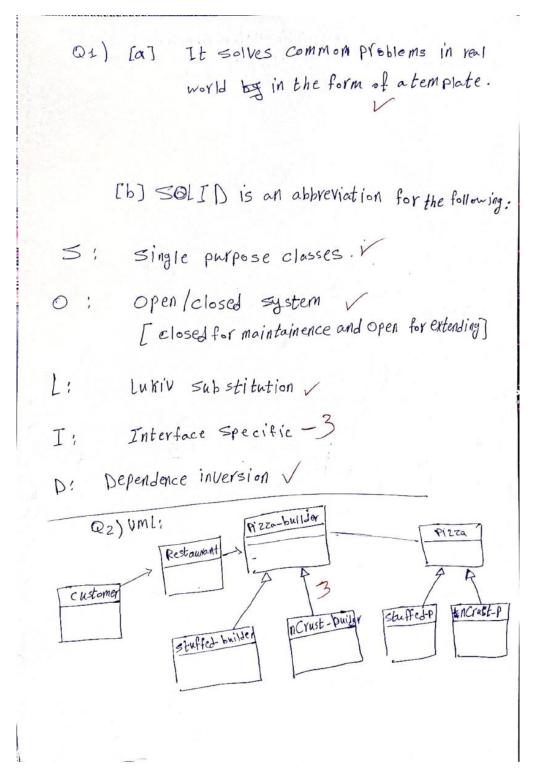


2- Midterm Exam

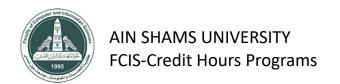








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3- Project



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Project marking criteria

Course Code: <u>CN 5125</u> Student Name:		<u>25</u>	Course Algorithms and Design Name: Pattern							Ass	ignm No.	ent	Project		Da	ate: 23 Dec 2		202		
			5	Saif Al-	Din Ha	atem A	Ahmed	d Mohammed Khalil						Student ID:		2021170814 F (0-59)				
		A (89-100)			B (76-88)			C (67-75)					D (6	0-66)						
	100	96	95	68	88	84	80	92	75	72	69	67	99	64	62	9	59	40	20	0
Relevance & implementation of Functions (40%)	progr and c	All functions in ogram are relevant d correctly structured d implemented.			Functions in program are correctly structured and implemented but there are few missing issues functions or minor deviations.			Some Functions in program are not correctly structured and implemented. There are some missing issues or major deviations.				Many functions are not correctly structure and implemented. There are many missing issues or majo deviations.				There are major deviations in most of				
Re	v																			
Passing Test cases (40%)	The program can pass all test cases correctly.				The program can pass most of test cases correctly			The program can pass only some of test cases correctly				The program can pass only few of test cases correctly.				The program cannot run most of the test cases or there are syntax errors such tha the program doesn't run at all.				
Passing	~																			
Clean Code (20%)	The written code follows the guidelines of clean code.					The written code almost follows the guidelines of clean code.			The written code partially follows the guidelines of clean code.				Low ability to follow guidelines of clean code.				The program doesn' follow any guidelines clean code.			
Clean	V																			
1st marker Total			100 / 100 1st			marker Signature				Ahmed Hatem				ASU Agreed Mark		20 / 20				
2nd marker Total				100 / 100 2nd				marke	r Signa	ture	Pr	of. Wal	aa Kha	led	UEL Ag Mark	reed	100 / 100			