

COMP.6215 - GUI Program

Assessment 01

Task 1 (36 marks)	0	1
Created a Console App	No Console App provided	App provided, but does not compile - i.e. shows errors
Created a WPF based Application	No WPF App provided	App provided, but does not compile - i.e. shows errors
SOLID PRINCIPLE 1 => SRP	SRP not implemented	SRP implemented, but some methods could be broken down more
SOLID PRINCIPLE 2 => OCP	OCP not implemented	OCP partly implemented, but code outside of the program.cs file needs to be modified

SOLID PRINCIPLE 3 => LSP	LSP not implemen ted	LSP implemented, but is only applied to base and sub classes
SOLID PRINCIPLE 4 => ISP	ISP not implemented	Interfaces are used, but everything is forced into a single interface
Separate GUI Code from Business Logic Code	All the code is mixed	UI elements appear in Business Logic Methods and Classes
Your application looks good (Console + WPF)	There has been no thought on the UI of your application in either applications	There has been some, but little thought on how good your application looks and it is only applied to one of the applications
Assignment Brief has been met	You have submitted nothing	Some (Less than 50%) of the criteria have been met.

Task 2 (72 marks)	0	2
Created a Console App	No Console App provided	App provided, but does not compile - i.e. shows errors
Created a WPF based Application	No WPF App provided	App provided, but does not compile - i.e. shows errors
SOLID PRINCIPLE 1 => SRP	SRP not implemented	SRP implemented, but some methods could be broken down more
SOLID PRINCIPLE 2 => OCP	OCP not implemented	OCP partly implemented, but code outside of the program.cs file needs to be modified
SOLID PRINCIPLE 3 => LSP	LSP not implemen ted	LSP implemented, but is only applied to base and sub classes

SOLID PRINCIPLE 4 => ISP	ISP not implemented	Interfaces are used, but everything is forced into a single interface
Separate GUI Code from Business Logic Code	All the code is mixed	UI elements appear in Business Logic Methods and Classes
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Assignment Brief has been met	You have submitted nothing	Some (Less than 50%) of the criteria have been met.

Task 3 (36 marks)	0	1
Created a Console App	provided	App provided, but does not compile - i.e. shows errors

Created a WPF based Application	No WPF App provided	App provided, but does not compile - i.e. shows errors
SOLID PRINCIPLE 1 => SRP	SRP not implemented	SRP implemented, but some methods could be broken down more
SOLID PRINCIPLE 2 => OCP	OCP not implemented	OCP partly implemented, but code outside of the program.cs file needs to be modified
SOLID PRINCIPLE 3 => LSP	LSP not implemen ted	LSP implemented, but is only applied to base and sub classes
SOLID PRINCIPLE 4 => ISP	ISP not implemented	Interfaces are used, but everything is forced into a single interface

Separate GUI Code from Business Logic Code	All the code is mixed	UI elements appear in Business Logic Methods and Classes
Your application looks good (Console + WPF)	There has been no thought on the UI of your application in either applications	There has been some, but little thought on how good your application looks and it is only applied to one of the applications
Assignment Brief has been met	You have submitted nothing	Some (Less than 50%) of the criteria have been met.

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2	4
App provided, but shows warnings App provided, but shows warnings	App provided and runs without errors or warnings and does not crash App provided and runs without
	errors or warnings and does not crash
SRP implemented, but classes and methods are in the same file	SRP implemented and classes are in separate files and proper naming conventions are used
ocp implemented, but only the extension part was added correctly, the other code is all bundled up together	OCP implemented and it clearly shows each component as if it was extended to the program

LSP implemented and is applied to base / sub classes but only coverience or contravarience is applied	LSP implemented and is applied to base / sub class and both coverience and contravarience.
Interfaces are used and are broken down, but in enough detail	Interfaces are used and are broken down to enough detail. In addition some cases interfaces simply implement other interfaces
UI elements are separated from business logic in most cases, or could be refined better	UI elements are separated from business logic and it is clear what each class means and how it is to implemented.
There has been good, but little thought on how good your application looks	There has been a lot of thought on how good your application looks
Some (Less than 80%) of the criteria have been met.	All of the criteria have been met.

4	8
App provided, but	App provided and
shows warnings	runs without
	errors or
	warnings and
	does not crash
App provided, but	App provided and
shows warnings	runs without
	errors or
	warnings and
	does not crash
SRP implemented,	SRP implemented
but classes and	and classes are in
methods are in	separate files and
the same file	proper naming
	conventions are
	used
ОСР	OCP implemented
implemented, but	and it clearly
only the extension	shows each
part was added	component as if it
correctly, the	was extended to
other code is all	the program
bundled up	
together	
LSP implemented	LSP implemented
and is applied to	and is applied to
base / sub classes	base / sub class
but only	and both
coverience or	coverience and
contravarience is	contravarience.
applied	

Interfaces are used and are broken down, but in enough detail UI elements are separated from business logic in most cases, or could be refined better There has been good, but little thought on how good your application looks	Interfaces are used and are broken down to enough detail. In addition some cases interfaces simply implement other interfaces UI elements are separated from business logic and it is clear what each class means and how it is to implemented. There has been a lot of thought on how good your application looks
good, but little thought on how	lot of thought on how good your
Some (Less than 80%) of the criteria have been met.	All of the criteria have been met.

2	4
App provided, but	App provided and
shows warnings	runs without
	errors or
	warnings and
	does not crash

Ann provided but	Ann provided as a
App provided, but	App provided and
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together	
LSP implemented	LSP implemented
and is applied to	and is applied to
base / sub classes	base / sub class
but only	and both
coverience or	coverience and
contravarience is	contravarience.
applied	contravarience.
	Interference are
Interfaces are	Interfaces are
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broken down, but	broken down to
in enough detail	enough detail. In
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