

## A.P1 What is Computational Thinking

Include a brief paragraph explaining what computational thinking means.

## A.P1 Computational Thinking – Decomposition

Describe here the meanings of decomposition of a problem into smaller steps, with an example from your research

## A.M1 Assess Decomposition

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Decomposition

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P1 Computational thinking – Pattern Recognition

Describe here the meanings of identifying patterns, with an example from your research

## A.M1 Assess Pattern Recognition

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Pattern Recognition

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P1 Computational Thinking – Pattern Generalisation and Abstraction

Describe here the meanings of removing unnecessary information, with an example from your research

## A.M1 Assess Generalisation and Abstraction

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

#### A.D1 Evaluate Generalisation and Abstraction

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

#### A.P1 Computational Thinking – Identification of Key Components

Component	Definition
Variable	
Constant	
Key Process	
Repeated Process	
Inputs	
Outputs	

#### A.P1 Identify Variables

List of variables	Description of variables
List as many variables as you can think of that are used in your program example	Explain briefly what these variables do

#### A.P1 Identify Constants

List of Constants	Description of Constants
List as many constants as you can think of that are used in your program example	Explain briefly what these constants do

#### A.P1 Identify Key Processes

List of Key Processes	Description of Key Processes
List as many Key Processes as you can think of that are used in your program example	Explain briefly what these Key Processes do

## A.P1 Identify Repeated Processes

List of Repeated Processes	Description of Repeated Processes
List as many Repeated Processes as you can think of that are used in your program example	Explain briefly what these Repeated Processes do

## A.P1 Identify Inputs

List of Inputs	Description of Inputs
List as many Inputs as you can think of that are used in your program example	Explain briefly what these Inputs do

## A.P1 Identify Outputs

List of Outputs	Description of Inputs
List as many Outputs as you can think of that are used in your program example	Explain briefly what these Outputs do

## A.M1 Assess the Identification of Key Components

ADVANTAGES	DISADVANTAGES
Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program	Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program
• Advantage 1	• Disadvantage 1
• Advantage 2 <a href="#">etc</a>	• Disadvantage 2 <a href="#">etc</a>

## A.D1 Evaluate the Identification of Key Components

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P1 Uses of Software Applications – Gaming & Entertainment

SCREENSHOT OF PROGRAM	DESCRIPTION OF PROGRAM
Add your annotated screenshot here	What the program does
	How it solves problems or fulfils a users need in being able to play games or be entertained.

## A.M1 Assess the Gaming and Entertainment Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Gaming and Entertainment Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

## A.P1 Uses of Software Applications – Productivity

### SCREENSHOT OF PROGRAM

Add your annotated screenshot here

### DESCRIPTION OF PROGRAM

What the program does eg calendar app, time management, reporting software

How it solves problems or fulfils a users need in being able to be productive either at work or at home

## A.M1 Assess the Productivity Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Productivity Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

## A.P1 Uses of Software Applications – Information Storage and Management

### SCREENSHOT OF PROGRAM

Add your annotated screenshot here

### DESCRIPTION OF PROGRAM

What the program does

How it solves problems or fulfils a users need

This could be a booking software for a vehicle company or employee management software.

## A.M1 Assess the Information Storage and management Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Information Storage and Management Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

## A.P1 Uses of Software Applications – Repetitive/ Dangerous Tasks

### SCREENSHOT OF PROGRAM

Add your annotated screenshot here

### DESCRIPTION OF PROGRAM

What the program does

How it solves problems or fulfils a users need

This could be a monitoring software for toxic gases/ data entry validation

## A.M1 Assess the Information Repetitive/ Dangerous Tasks Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Information Repetitive/ Dangerous Tasks Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

## A.P1 Uses of Software Applications – Social Media

### SCREENSHOT OF PROGRAM

Add your annotated screenshot here

### DESCRIPTION OF PROGRAM

What the program does

How it solves problems or fulfils a users need

This could be facebook, twitter, instagram

## A.M1 Assess the Social Media Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Social Media Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

## A.P1 Uses of Software Applications – Search Engines

### SCREENSHOT OF PROGRAM

Add your annotated screenshot here

### DESCRIPTION OF PROGRAM

What the program does

How it solves problems or fulfils a users need

This could be google, yahoo or bing

## A.M1 Assess the Search Engine Program

### ADVANTAGES

Assess the program in the previous slides and list all the positive aspects of the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative aspects of the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate the Search Engine Program

Evaluate whether your program selected has a good design from a computational point of view and discuss the quality of the final program in solving problems or fulfilling needs

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the program either does or does not have a good design and whether the program is of good quality.

Justify whether the program is good at solving problems or fulfilling needs.

Use more slides if necessary

**Explain how principles of computer programming are applied in different languages to produce software applications.**

**Evidence for: A.P2, A.M1, A.D1**

A.P2 Procedural Programming Languages

Describe what is meant by procedural programming

Give examples of procedural languages eg C, Perl, Python, C++

A.P2 Procedural Programming language Example

#### SCREENSHOT OF CODE

Add your annotated screenshot here

#### DESCRIPTION OF CODE

Give a brief description of what the code is doing and what language is being used

A.M1 Assess Procedural Programming

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

A.D1 Evaluate Procedural Programming

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

A.P2 Object Orientated Languages

Describe what is meant by object orientated programming

Give examples of object orientated languages eg C++, Java, C#

A.P2 Object Orientated Programming example

#### SCREENSHOT OF CODE

Add your annotated screenshot here

#### DESCRIPTION OF CODE

Give a brief description of what the code is doing and what language is being used

A.M1 Assess Object Orientated Programming

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Object Orientated Programming

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P2 Event Driven Programming Languages

Describe what is meant by Event Driven

Give examples of event driven languages eg Visual Basic, VB.NET, C#

## A.P2 Event Driven Programming language example

### SCREENSHOT OF CODE

Add your annotated screenshot here

### DESCRIPTION OF CODE

Give a brief description of what the code is doing and what language is being used

## A.M1 Assess Event Driven Programming

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Event Driven Programming

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P2 Machine Languages

Describe what is meant by Machine Language

Give examples of procedural languages eg Assembler

## A.P2 Machine language Example

### SCREENSHOT OF CODE

Add your annotated screenshot here

### DESCRIPTION OF CODE

Give a brief description of what the code is doing and what language is being used

## A.M1 Machine Language Programming

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc



## A.D1 Machine Language Programming

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P2 Mark-Up Languages

Describe what is meant by markup

Give examples of procedural languages eg HTML, XML

## A.P2 Mark Up language Example

### SCREENSHOT OF CODE

Add your annotated screenshot here

### DESCRIPTION OF CODE

Give a brief description of what the code is doing and what language is being used

## A.M1 Assess Mark Up Languages

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Mark Up Languages

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## Factors to Compare Between Programming Languages

Feature	Language 1 e.g. C#	Language 2 e.g. Assembler	Language 3 e.g. Python
Hardware needed			
Software needed			
Special devices needed			
Preferred application areas			
Development time			
Ease of development			

## A.M1 Assess Factors between Languages

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

### A.D1 Evaluate Factors between Languages

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

### A.P2 Constructs and Techniques between Languages – 1

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Command Words				
Constants				
variables				
Local and Global Variables				

### A.P2 Constructs and Techniques between Languages – 2

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
DataTypes - String				
DataTypes - Integer				
DataTypes – Real				
DataTypes – Boolean				
DataTypes - Character				

### A.P2 Constructs and Techniques between Languages – 3

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Assignment				
Input				
Output				

### A.P2 Constructs and Techniques between Languages – 4

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Sequence				
Selection				
Iteration				

## A.P2 Constructs and Techniques between Languages – 5

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Logical AND				
logical OR				
Logical NOT				

## A.P2 Constructs and Techniques between languages – 5

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Subroutines				
Functions				
Procedures				

## A.P2 Constructs and Techniques between Languages – 6

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
2D Arrays				
3D Arrays				
Splitting Arrays				
Joining Arrays				

## A.P2 Constructs and Techniques between Languages – 7

Feature	Language 1 e.g. C# Example:	Language 1 description	Language 2 e.g. Assembler Example	Language 2 description
Open File				
Read from File				
Write to file				
Close File				

## A.M1 Assess Constructs between Languages

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Constructs between Languages

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

**Explain how the principles of software design are used to produce high-quality software applications that meet the needs of users.**

**Evidence for: A.P3, A.M1, A.D1**

### A.P3 Principles of Logic - Iteration

Describe here the meanings of iteration, in applying a computational procedure to the result of a previous application of the procedure, eg processing a list of data

### A.M1 Assess Iteration

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

### A.D1 Evaluate Iteration

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

### A.P3 Principles of Logic – Mathematical

Describe here the meanings of mathematical logic, in applying a consistency and completeness and checking with truth tables

### A.M1 Assess Mathematical Logic

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

### A.D1 Evaluate Mathematical Logic

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P3 Principles of Logic – Propositional

Describe here the meanings of propositional logic in demonstrating how an algorithm functions

### A.M1 Assess Propositional Logic

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

### A.D1 Evaluate Propositional Logic

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the software design and the overall quality of the program.

Use more slides if necessary

### A.P3 Software Quality: Performance

Describe here the performance eg memory use, CPU cycles, network use

How can the design and installation of a program affect this?

### A.M1 Assess Performance

#### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

#### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

### A.D1 Evaluate Performance

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

### A.P3 Software Quality: Maintainability

Describe here the maintainability eg ease of keeping the program running or how easy is it to modify the program.

How can the design and installation of a program affect this?

## A.M1 Assess Maintainability

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Maintainability

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P3 Software Quality: Portability

Describe here the portability – the range of different hardware and software platforms

How can the design and installation of a program affect this?

## A.M1 Assess Portability

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Portability

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

## A.P3 Software Quality: Reliability

Describe how reliable the program is i.e is it accurate?

How can the design and installation of a program affect this?

## A.M1 Assess reliability

### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

## A.D1 Evaluate Reliability

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

#### A.P3 Software Quality: Robustness

How likely is the program to crash?

How can the design and installation of a program affect this?

#### A.M1 Assess Robustness

##### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

##### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

#### A.D1 Evaluate Robustness

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary

#### A.P3 Software Quality: Usability

The ease by which the end user can operate the program

How can the design and installation of a program affect this?

#### A.M1 Assess Usability

##### ADVANTAGES

Assess the feature in the previous slides and list all the positive impacts on the design of a software program and the quality of the final program

- Advantage 1
- Advantage 2 etc

##### DISADVANTAGES

Assess the feature in the previous slides and list all the negative impacts to the design of a software program and the quality of the final program

- Disadvantage 1
- Disadvantage 2 etc

#### A.D1 Evaluate Usability

Evaluate whether the feature has an impact on the design of a software program and the quality of the final program

You must discuss the pros and cons and come up with an answer.

You must **JUSTIFY** why the feature either does or does not have an impact on the the software design and the overall quality of the program.

Use more slides if necessary