

061306T4CPM

COMPUTER PROGRAMMING LEVEL 6

IT/OS/CP/CR/03/6/A

DEMONSTRATE PROGRAMMING CONCEPTS

NOV /DEC 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

ASSESSOR'S OBSERVATION CHECKLIST

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has a name tag and registration code at the back and front.
4. Allocate **10** minutes for the candidate to identify and confirm the availability of the resources.
5. Candidate to perform the **two** tasks as per the requirements of each.
6. Marks for each task are indicated.

OBSERVATION CHECKLIST

Candidate's Name			
Candidate's Registration Code			
Assessor's Name			
Assessor's Registration Code			
Unit(s) of Competency			
Venue of Assessment			
Date of assessment			
<i>(Indicate the marks available and marks obtained respectively. Award marks appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
TASK 1			
1. Installed the C# program and configured its environment <i>(Award 6 or 0 marks for correct installation of the program)</i>	6		
2. Configured the IDE <i>(Award 5 or 0 marks for correct Configuration of IDE or the text editor)</i>	5		
TOTAL	11		
TASK 2			
1. Created a new file <i>(Award 1 mark or 0 for creating a new file)</i>	1		
2. Declared main function <i>(Award 2 or 0 marks for declaring main function)</i>	2		
3. Declared variables for storing task list - String - Array	6		

<ul style="list-style-type: none"> - Array length <p><i>(Award 2 marks for each declared variable)</i></p>			
<p>4. Implemented the grading logic using the control statements</p> <ul style="list-style-type: none"> - Main function - While loop for options <p><i>(Award 2 marks for each grading logic used)</i></p> <ul style="list-style-type: none"> - Switch for selection - Add task function - Mark task completed function - View list function <p><i>(Award 3 marks for each grading logic used)</i></p>	16		
<p>5. Compiled and ran the program</p> <p><i>(Award 3 marks for program compilation and 3 Marks for running the program)</i></p>	6		
<p>6. Identified and corrected errors</p> <ul style="list-style-type: none"> - Identified errors - Program running <p><i>(Award 2 marks for each grading logic)</i></p>	4		
<p>3. Appropriate use of comments</p> <p><i>(Award 2 marks for each appropriate use of comments)</i></p>	6		
<p>4. Program accepting user inputs and followed coding standard and best practices</p> <ul style="list-style-type: none"> - Accepts user input - Naming conventions - Indentations - Exception handling 	12		

<i>(Award 3 marks for each user input)</i>			
5. Created the folder with” CDACC” name <i>(Award 1 mark for Creating folder)</i>	1		
6. Saved Screenshots on the exam folder <i>(Award 1 mark for each saved screenshot)</i>	2		
7. Followed Coding Standards & Best Practices. <ul style="list-style-type: none"> - Added comments - Naming conventions - Indentation - exception handling <i>(Award 2 marks for each or zero)</i>	8		
TOTAL	64		
TOTALS	75		

ASSESSMENT OUTCOMES		
The candidate was found to be: Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/> <i>(Please tick as appropriate)</i> <p style="text-align: center;"><i>(The candidate is competent if s/he gets 50% or higher)</i></p>		
Feedback from candidate:		
Feedback to candidate:		
Candidate’s signature:	Date:	
Assessor’s signature:	Date:	