

061005T4ICT
ICT TECHNICIAN LEVEL 5
IT/OS/ICT/CR/5/5
DEVELOP COMPUTER PROGRAM
NOV/DEC 2023



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

**PRACTICAL
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 an identification tag pinned at the back and front near the shoulders showing the Candidate's name and registration code.
4. Allocate the candidate 3 Hours to complete the task

OBSERVATION CHECKLIST

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Venue of Assessment			
Date of assessment			
Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
TASK 1: Develop a program with c language. (30 marks)			
a) Started or opened a text editor. <i>(Award 1 mark for text editor opened window)</i>	1		
b) Typed first line #include... and the main function <i>(Award 1 mark for #include and 1 mark for main () function)</i>	2		
c) Used control structure to select option 0 or 1 in the first screen. <i>(Award 3 mark)</i>	3		
d) Used control structure for the error message screen to revert to the main. <i>(Award 3 mark)</i>	3		
e) Removed all errors. <i>(Award 2 mark)</i>	2		
f) Compiled and saved the program. <i>(Award 2 mark)</i>	2		
g) <i>Saved the file with the extension (.c)</i>	3		
II. Testing the .c program file.	4		
a) Displayed first screen as in Task 1 a). (i) ===== Welcome to Safarikom ===== (ii) select an option to continue (iii) 0. Buy the bundle, (iv). 1. Personal Details.			

<i>(Award each line 1 mark, max 4 marks)</i>			
<p>b) displayed screen as in Task 1 b).</p> <p>(i) ===== Safarikom - Buy Bundle =====</p> <p>(ii) select an option to continue</p> <p>(iii) 0. sh10 for 100mbs,</p> <p>(iv). 1. sh20 for 250mbs,</p> <p><i>(Award each line 1 mark, max 4 marks)</i></p>	4		
<p>c) Displayed screen as in Task 1 c).</p> <p>(i) ===== Safarikom - Personal Details =====</p> <p>(ii) select an option to continue</p> <p>(iii) 0. Enter your first name,</p> <p>(iv). 1. Enter your mobile number.</p> <p><i>(Award each line 1 mark, max 4 marks)</i></p>	4 4		
<p>d) Displayed screen as Task 1 d).</p> <p>(i) ===== Safarikom - Error =====</p> <p>(ii) invalid input, please select *, to go back to the main page.</p>	2		
TOTAL	30 MARKS		
Task 2: Develop a web page with HTML and CSS (20 marks)			
a) Opened a text editor. <i>(Award 1 mark)</i>	1		
<p>b) Typed the HTML tags;</p> <p>(i) <html> tags,</p> <p>(ii) <head></p> <p>(iii) <title></p> <p>(iv) <body></p> <p><i>(Award each 1 mark, max 4 marks)</i></p>	4		
<p>Testing the HTML file.</p> <p>a) Saved the file with file extension (.html or .htm).</p> <p><i>(Award 1 mark)</i></p>	3		
<p>b) Type the title of the page in the <title> tags.</p> <p><i>(Award 1 mark)</i></p>	1		

<p>c) Type the name of the firm in the <h> tags. (Award 1 mark)</p>	1		
<p>d) Included the Input boxes; i) Names, ii) Member number; iii) Mobile number, (Award 1 each, max 3 marks)</p>	3		
<p>e) Included the submit button. (Award 3 marks)</p>	3		
<p>f) implemented sending of the entered details as; (i) included the form tags <form> (Award 2 marks), (ii) included the file name "registration.php" within the opening form tags. (Award 2 marks),</p>	4		
TOTAL	20 MARKS		
Total	50		
ASSESSMENT OUTCOME			
<p>The candidate was found to be: <div style="text-align: center;"> Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/> </div> <i>(Please tick as appropriate)</i> (The candidate is competent if the candidate obtains at least 50%)</p>			
<p>Feedback from the candidate:</p>			
<p>Feedback to the candidate:</p>			
<p>Candidate's Signature _____</p>	<p>Date _____</p>		
<p>Assessor's Signature _____</p>	<p>Date _____</p>		