

**061306T4CSC**

**COMPUTER SCIENCE LEVEL 6**

**ICT/OS/CS/CR/04/6/A**

**Understand Fundamentals of Programming**

**Nov/Dec 2024**



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

**PRACTICAL ASSESSMENT**

**OBSERVATION CHECKLIST**

**INSTRUCTIONS TO ASSESSOR**

1. You are required to mark the practical as the candidate performs the task.
2. You are required to take video clips at critical points.
3. Ensure that the candidate has a name tag and a 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 task as per the requirements of each question.
6. Marks for each task are given.
7. For shared resources clear the Computer off the previous candidates work

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1:</b>			
1. Launched the Intergraded Development Environment correctly <i>(Award 1 mark or zero)</i>	2		
2. Declared all required variables: number, name, band, scholarship, loan, government fees, fees paid by student <i>(Award 1 marks for each variable)</i>	7		
3. Entered all the details number, name, band <i>(Award 1 marks for each correct answer)</i>	3		
4. Determined the scholarship and loan <i>(Award 2 marks for each correct answer)</i>	4		
5. Calculated the fees paid by government Fees= scholarship + loan <i>(Award 4 marks for correct answer)</i>	4		
6. Calculated the fees paid by student Fees=total fees-( scholarship + loan) <i>(Award 4marks for correct answer)</i>	4		
7. Displayed number, name ,band, scholarship, loan, fees paid by government, fees paid by student <i>(Allocate 1 mark for each correct item printed)</i>	7		
<b>Sub total</b>	<b>30</b>		
<b>Task2</b>			
1. Declared all the required variables number Current reading , previous	7		

reading , units, litres, standing charge, Total amount  <i>(Award 1 mark for each correct answer)</i>			
2. Enter all the details number, previous reading, current reading  <i>(Award 1 mark for each correct answer)</i>	<b>3</b>		
3. Calculated Units Litres Amount  <i>(Award 3 marks for each correct answer)</i>	<b>9</b>		
4. Printed number, previous reading, current reading, standing charge ,units, litres, amount  <i>(Award 1 marks for each correct answer)</i>	<b>8</b>		
5. Commented the program  <i>(Award 3 or 0)</i>	<b>3</b>		
Sub - totals	<b>30</b>		
<b>GRAND TOTAL</b>	<b>60</b>		

### ASSESSMENT OUTCOME

The candidate was found to be:

Competent

Not yet Competent

*(Please tick as appropriate)*

*(The candidate is competent if the candidate obtains at least 50%)*

**Feedback from the Candidate:**

**Feedback to the Candidate:**

<b>Candidate Signature</b>	<b>Date:</b>
<hr/>	<hr/>
<b>Assessor's Signature</b>	<b>Date</b>
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