

## Instruction Sheet for the Candidate

<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Create Environment for Java Programming
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____
	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b></p> <ul style="list-style-type: none"> <li>• Download Java Development Kit</li> <li>• Install Java IDE</li> <li>• Setup Development Environment</li> </ul>
<b>Time: 03 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	<p><b>Download Java Development Kit</b></p> <ol style="list-style-type: none"> <li>1. Find the URL to Download JDK</li> <li>2. Check the JDK Version</li> <li>3. Check the Compatibility of JDK for required Operating System</li> <li>4. Download the JDK</li> <li>5. Install JDK</li> </ol> <p><b>Install Java IDE</b></p> <ol style="list-style-type: none"> <li>1. Search the different JAVA IDEs</li> <li>2. Choose suitable Java IDE e.g. Eclipse, NetBeans, Notepad++ etc.</li> <li>3. Install the required IDE</li> </ol> <p><b>Setup Development Environment</b></p> <ol style="list-style-type: none"> <li>1. Set the environment variables according to OS</li> <li>2. Write first program on installed IDE</li> <li>3. Compile the Java Source Code</li> <li>4. Run the Byte Code</li> </ol>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Jr. Programmer JAVA <b>(Mobile App, Web &amp; Game Development)</b>
<b>Competency Standard</b>	Create Environment for Java Programming
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>• Download Java Development Kit</li> <li>• Install Java IDE</li> <li>• Setup Development Environment</li> </ul>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Find the URL to Download JDK	<input type="checkbox"/>	<input type="checkbox"/>
2. Check the JDK Version	<input type="checkbox"/>	<input type="checkbox"/>
3. Check the Compatibility of JDK for required Operating System	<input type="checkbox"/>	<input type="checkbox"/>
4. Download the JDK	<input type="checkbox"/>	<input type="checkbox"/>
5. Install JDK	<input type="checkbox"/>	<input type="checkbox"/>
6. Search the different JAVA IDEs	<input type="checkbox"/>	<input type="checkbox"/>
7. Choose suitable Java IDE e.g. Eclipse, NetBeans, Notepad++ etc.	<input type="checkbox"/>	<input type="checkbox"/>
8. Install the required IDE	<input type="checkbox"/>	<input type="checkbox"/>
9. Set the environment variables according to OS	<input type="checkbox"/>	<input type="checkbox"/>
10. Write first program on installed IDE	<input type="checkbox"/>	<input type="checkbox"/>
11. Compile the Java Source Code	<input type="checkbox"/>	<input type="checkbox"/>
12. Run the Byte Code	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_ Assessor's Signature \_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Create Environment for Java Programming
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	<p>COMPETENT <input type="checkbox"/> <span style="margin-left: 150px;">NOT YET COMPETENT <input type="checkbox"/></span></p> <p>Name of the Assessor _____</p> <p>Assessor's code: _____</p> <p>Signature: _____</p>

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

## Observation Checklist

<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>Download Java Development Kit</li> <li>Install Java IDE</li> <li>Setup Development Environment</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Find the URL to Download JDK			
2.	Check the JDK Version			
3.	Check the Compatibility of JDK for required Operating System			
4.	Download the JDK			
5.	Install JDK			
6.	Search the different JAVA IDEs			
7.	Choose suitable Java IDE e.g. Eclipse, NetBeans, Notepad++ etc.			
8.	Install the required IDE			
9.	Set the environment variables according to OS			
10.	Write first program on installed IDE			
11.	Compile the Java Source Code			
12.	Run the Byte Code			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

# Knowledge Assessment

<b>Qualification</b>	Jr. Programmer JAVA ( <b>Mobile App, Web &amp; Game Development</b> )
<b>Competency Standard</b>	Create Environment for Java Programmer
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<p><b>COMPETENT</b> <input type="checkbox"/>                      <b>NOT YET COMPETENT</b> <input type="checkbox"/></p> <p>Name of the Assessor: _____</p> <p>Assessor's code: _____</p> <p>Signature of the Assessor: _____</p>

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

	Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	Satisfactory	Not Satisfactory
1.	What does IDE stand for?    		
2.	Name any two Java IDEs.    		
3.	Define JDK.		

**Feedback to the Candidate**

**Candidate's Signature** \_\_\_\_\_ **Assessor's Signature** \_\_\_\_\_