5. To export test reports to Word, we can use libraries such as Apache POI or Docx4j. These libraries provide APIs for creating and manipulating Word files in Java.

Example code using Docx4j:

WordprocessingMLPackage wordMLPackage = WordprocessingMLPackage.createPackage();

wordMLPackage.getMainDocumentPart().addStyledParagraphOfText("Title", "Test Report");

Tbl table = createTable();

wordMLPackage.getMainDocumentPart().addObject(table);

populateTable(table, testResults);

wordMLPackage.save(new File("test\_report.docx"));

In the above example, we first create a new Word document using the createPackage() method of the WordprocessingMLPackage class. We then add a title to the document using the addStyledParagraphOfText() method and create a table using the createTable() method. Next, we populate the table with data from the test results using the populateTable() method. Finally, we save the document to a file using the save() method.

Once the Word file is generated, we can open it in Microsoft Word or any other word processing software to view