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| Arid Agriculture University Rawalpindi | Rawalpindi | **Pir Mehr Ali Shah Arid Agriculture University Rawalpindi**  **University Institute of Information Technology** |

**Assignment**

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| **Course Code** | CS-432 |
| **Course Title** | Modern Programming Languages |
| **Instructor’s Name** | Dr. Saif Ur Rehman |
| **Class/Section/Mor/Eve** | BSCS-5A |
| **Assignment No** | 03 |
| **Due Date** | 20 November 2023 |

Exercise Question No. 1 **Read the following Paragraph in Java**

*“Java is an object-oriented programming language developed by Sun Microsystems, a company best known for its high-end Unix workstations. Modelled after C++, the Java language was designed to be small, simple, and portable across platforms and operating systems, both at the source and at the binary level”*

**Now, Aplly the following String Class function on this paragraph. Write Java Code to show the usage of each function**

1. **equals( ) and equalsIgnoreCase()**
2. **regionMatches( )**
3. **startsWith( ) and endsWith( )**
4. **equals( ) Versus ==**
5. **compareTo( )**
6. **indexOf( ) & lastindexOf( )**
7. **substring( )**
8. **concat()**
9. **replace()**
10. **trim()**
11. **toLowerCase( ) & toUpperCase( )**
12. **contains()**
13. **replace() & replaceLast()**

**Requirements: Prepare a Word Document and add the screen shot of the code and the output of the Code**