



# United International University

## Department of Computer Science and Engineering

CSE 1115: Object Oriented Programming  
Class Test 01, Summer 2021 Time: 30 Mins

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1. Write a Java Program that will take two strings as parameters to the main method. The first string contains the current time in 24 hours format: hh-mm-ss. Here hh means two digits for hours, mm means two digits for minutes and ss means two digits for seconds. The second string contains the current date in the format: dd-mm-yyyy. Here dd means days in two digits, mm means months in two digits and yyyy means years in 4 digits. Your program will get these two strings and print something depending of the dates and times. It has to identify first which part of the day it is: morning (6AM - 11:59AM) / afternoon (12PM - 5:59PM) / evening (6PM-11:59PM) / night (12 AM - 5:59 AM). And also your program has to identify which part of the year it is. Spring (Feb 14 - May 13), Summer (May 14 - Aug 13), Autumn (Aug 14-Nov 13) and Winter (Nov 13-Feb 13). Now your program has to write which part of the year and day it is. Example input and outputs are given below:

<b>Input:</b> 05:00:00 17-07-2021
<b>Output:</b> It's a Summer Morning of 2021!
<b>Input:</b> 17:00:00 07-01-2020
<b>Output:</b> It's a Winter Afternoon of 2020!

Rubric:

- (a) Taking input: 3
- (b) Correct day part in the output: 4
- (c) Taking input: Correct year part in the output: 4