CMPE 101: Object Oriented Programming
Worksheet 3C

Istanbul Bilgi University

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Part I

Create two integer variables: x and y. Print if those variables are in following conditions:

- $x \in [7, 12]$

- $y \in (9, 23)$

- $x, y \in [8, 20)$ and $x > y$

Part II

Get an hour value (integer) from user and print the representative String value of the season by using **switch-case** operation. Ex. $9 \rightarrow Morning, 17 \rightarrow Afternoon$ etc.

Part III

Write the following operations by using ternary operation(?).

- If x is bigger than 20 decrease with 5 else increase with 7,

- If y is in between 10 and 30 multiply with 2 else divide with 3,

- If x is bigger than 25 assign y else multiply with 7

Note: Do not forget to justify your answers with comments.