

Course: Introduction to Programming Using Python

Module 2. Branching Statements. **Part 2**

Task 1

The user types in the time in seconds since the beginning of the day. Based on the user's choice, calculate how many hours, minutes, and seconds are left until midnight.

Task 2

The user types in the diameter of a circle. Based on the user's choice, calculate the area or perimeter of the circle.

Task 3

The user types in the cost of one gaming console, their quantity, and a discount. Based on the user's choice, calculate the total amount of the order or the cost of one console, including the discount.

Task 4

The user types in the file size in gigabytes and the bandwidth in bits per second. Based on the user's choice, calculate how many hours, or minutes, or seconds it will take to download a file.

Task 5

The user types in an hour (from 0 to 23). If the received value is in the range from 0 to 6, print Good Night; if from 6 to 13, print Good Morning; if from 13 to 17, print Good Day; if from 17 to 0, print Good Evening. The upper limit of the range is not included. For instance, if 6 is typed in, 6 belongs to the range from 6 to 13.