CASE STUDY

You can answer below questions with C# or Python according to your choice.

1. Percentage Calculator

Please write a function that calculates how many percent of the day we have completed. For example, if it is 12:00, 50% of the day is complete.

2. Web Scraper

https://www.bosch-home.com.tr/urun-listesi/buzdolaplari-derin-dondurucular/ buzdolaplari/ alttan-donduruculu-buzdolaplari

Please create a function that can scrap product name, product code, and score of the refrigerator products in the link above. *You are free to use any programming language and library.

3. Malfunctioning Keyboard

'Quality is much better than quantity. One home run is much better than two doubles' 'Qwuality isd mucxh bettedr than quanmtity. Oıne homke run is much bvetter than two doubnles' Please create a function that can understand which sentence between the 2 sentences given above is **more likely** to be the sentence that the machine outputs incorrectly. In addition to the keys we press, you have a computer that can sometimes detect adjacent keys as if they were pressed. The keyboard of this computer sometimes works correctly and sometimes it works incorrectly. For example, when we press the letter K on the keyboard, the computer may perceive the letter J as printed as well.

4.Crypto Currency Calculator

Design a cryptocurrency trading application with C # Windows Form or Python Tkinter. The Excel file attached to the mail contains the current values of the cryptocurrencies. (You can update the current values with the refresh button in Excel's Data tab.) The program will use the data in the Excel file while calculating the exchange rate.