ITM

IT MUSTAKBIL

Exercise 13 B

Data Types, Inputs & Outputs

Tasks:

1. Write a program that helps relieve decision stress from students with special needs. The special needs students can find it extremely stressful to make decisions under pressure. Your program asks the student to enter 5 different topics that are part of the exam syllabus. Your program then randomly chooses one of the 5 topics and suggests it for studying.

2. Write a C++ program that displays the current date and time. Search online for an appropriate library to process time. The program should use the appropriate functions from the library to retrieve and format the current date and time information.

3. Create a C++ program that utilizes the **<chrono>** library to greet the user based on the current time of the day. If the current time is between 5 AM and 12 PM, display "Good morning!". If it's between 12 PM and 6 PM, display "Good afternoon!". Otherwise, display "Good evening!". Use **<ctime>** to get the current time and **<chrono>** for time-based calculations.

systems