 Province of the

EASTERN CAPE

EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 11 | **DATE** | 20 April to 24 April 2020 |
| **TOPIC** | String and date manipulation – Built in time methods | **TERM 1**  **REVISION** | (Please tick) | **TERM 2 CONTENT** | ✓ |
| **TIME ALLOCATION** | 1hr | **TIPS TO KEEP HEALTHY**  1. **WASH YOUR HANDS** thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.  2. **PRACTISE SOCIAL DISTANCING** – keep a distance of 1m away from other people.  3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.  4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.  5. **STAY AT HOME.** | | | |
| **INSTRUCTIONS** | Resources used// Most of this week’s work is taken from the New DBE book   * Information Technology Practical Book Grade 11 , DBE Chapter 4 * Past Exam Papers   Answer all questions |
|  | Open BirthdayProcessor\_p project below.    The following interface is provided:  ●● Declare two variables of type TDateTime: One to store the current date and the other to store the user’s Date of Birth.  ●● Extract date of birth from the DateTime picker.  ●● Get the system date.  ●● Use the extracted data to determine and display:   * ¡¡ The user’s age * ¡¡ The number of days to the user’s birthday. If the user’s birthday has already passed for the current year, then display a suitable message. * ¡¡ The day (example: Sunday) when the user was born. * ¡¡ Whether the person was born on a leap year or not. | | | | |