 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | INFORMATION TECHNOLOGY PRACTICAL | **GRADE** | 10 | **DATE** | 4 May to 8 May 2020 |
| **TOPIC** | Decision Making – Validating Data | **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 practical book chapter 6   * Information Technology Practical Book Grade 10 , DBE * Past Exam Papers   Answer all questions |
|  | Input validation  Design the following user interface for your program.  In this application, complete the following tasks:  1 Create an OnClick event for the first [Validate] button.  2 When the button is pressed, use a conditional statement to make sure the edit box’s value is not blank (that is, it is not equal to ‘’).  a. If it is not blank, set the value of the first Test label to ‘Correct’ and enable the second [Validate] button.  b. If it is blank, set the value of the Test label to ‘Incorrect’.  c. Add code to enable the second [Validate] button.  3 Create an OnClick event for the second [Validate] button.  4 Create a conditional statement to check if the text entered into the second edit box is equal to the name of one of the days of the week.  a. If it is, set the label’s caption to ‘Correct’.  b. If it is not, set the label’s caption to ‘Incorrect’.  c. Add code to enable the [Next] button.  5 Create an OnClick event for the [Next] button.  6 Show a message congratulating the user on completing data validation if the [Next] button is clicked.  7 Save and test your application. | | | | |