 Province of the

EASTERN CAPE

EDUCATION

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

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| --- | --- | --- | --- | --- | --- |
| **SUBJECT** | INFORMATION TECHNOLOGY THEORY | **GRADE** | 10 | **DATE** | 20 April to 24 April 2020 |
| **TOPIC** | Decision Making – Boolean expressions and the If-then statement | **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 chapter 6* Information Technology Practical Book Grade 10 , DBE
* Past Exam Papers

Answer all questions |
|  | All library users pay a fee of R35.00 per month for the library services. Toencourage reading amongst learners, they are offered the following discounts.* Pre-schoolers get a discount of 15%
* Primary school learners get a discount of 13%
	+ High school learners and students get a discount of 11%.

Create a project, Discount\_p to calculate the fees payable as follows:* + When the RadioButton in the RadioGroup is clicked, calculate the discount. Display the discount and amount due formatted as currency.
	+ Write code for a [Reset] button that will reset the RadioGroup so that no option is selected, and clear the labels so that nothing displays in the labels.

Use the interface shown below as a guide.  |