 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** | 27 April to 1 May 2020 |
| **TOPIC** | Decision Making – Nested if-then statements | **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 5* Information Technology Practical Book Grade 10 , DBE
* Past Exam Papers

Answer all questions |
|  | Complete the application to help a tuck shop decide how to order the drinks they sell. They want to know what thelearners prefer – cooldrink or cold water – and also whether there is a difference between what the girls and boysprefer.Copy the embedded files int a folder called Prefer Cooldrink, then open the Prefer\_p project and study the interface. The application should dothe following:* Determine whether a learner is male or female.
* Determine whether that learner prefers water or cooldrink.
* Keep track of the total number of learners that answer.
* Calculate the percentage of females who prefer water.
* Calculate the percentage of females who prefer cooldrink.
* Calculate the percentage of males who prefer water.
* Calculate the percentage of males who prefer cooldrink.
* Display the percentages in the labels provided as shown.

a. Draw a flowchart to help you complete this App.b. Complete the code according to your flowchart and run the App. |