BICT.Honours in Information & Communication Technology

ICT1142(P) Programming Practicum

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Tutorial 03-Question 2

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FACULTY OF TECHNOLOGY
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i)   Why do programs need functions?

  A function is a block of code that performs a specific task.

- Allows for reuse and reduces redundancy
- Modularizes the code
- Provides abstraction capabilities.
- The program becomes simple to follow and maintain.
- Breaks down a long program into smaller, more manageable chunks.

ii)   How many values can a function return?

  Only one value can be returned by a function.

iii) When is the execution of the function terminated?

  The main function serves as the starting point for program execution. It usually controls program execution by directing the calls to other functions in the program. A program usually stops executing at the end   of the main, although it can terminate at other points in the program for a variety of reasons.