

PRG1



NGEE ANN
SCHOOL OF INFOCOMM TECHNOLOGY

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Pseudocode

Programming I (PRG1)

Diploma in Information Technology

Diploma in Financial Informatics

Diploma in Information Security & Forensics

Year 1 (2018/19), Semester 1

Common Action Words

- Several keywords are often used to indicate common input, output, and processing operations.

Input: READ, OBTAIN, GET

Output: PRINT, DISPLAY, SHOW

Compute: COMPUTE, CALCULATE, DETERMINE

Initialize: SET, INIT

Add one: INCREMENT, BUMP

https://users.csc.calpoly.edu/~jdalbey/SWE/pdl_std.html

IF-THEN-ELSE

- Binary choice on a given Boolean condition is indicated by the use of four keywords: IF, THEN, ELSE, and ENDIF. The general form is:

IF condition THEN

sequence 1

ELSE

sequence 2

ENDIF

IF-THEN-ELSE (continued)

- The ELSE keyword and "sequence 2" are optional. If the condition is true, sequence 1 is performed, otherwise sequence 2 is performed.

- Example

```
IF HoursWorked > NormalMax THEN
```

```
    Display overtime message
```

```
ELSE
```

```
    Display regular time message
```

```
ENDIF
```