

INTRODUCTION TO PROGRAMMING

Sequence

Input

User Inputs Data

Process

Calculates or does operations on data

Output

Display the result in the given data

Repetition

WHILE

Decisions are made based on conditions given

```
WHILE(N>20);  
{  
  PRINT("X=10");  
}
```

"X = 10"

DO-WHILE

Multiple decisions can be handled at once

```
DO:  
{  
  PRINT("X=15");  
  WHILE(N>20);  
}
```

"X = 15"

Selection

IF-ELSE

Decisions are made based on conditions given

IF(M>N);

"CONDITION IS TRUE"

ELSE;

"CONDITION IS FALSE"

SWITCH-CASE

Multiple decisions can be handled at once

SWITCH (EXPRESSION)

CASE 1:

PRINT("HELLO JOE");

CASE 2:

PRINT("HI, EMMA");

DEFAULT:

PRINT("ENTER EITHER 1 OR 2");