Module 3

3-0;

We will learn about:

1. Break, Continue statements.
2. While, do while loop.
3. How to handle infinite loop.

3-1;

Loops

1. For loop
2. While loop
3. Do while loop

For loop syntax:

For ( initialization; condition; increment/decrement)  
{  
 work;

}

3-5;

Sum of nth natural number:  
1 + 2 + 3 + …… + n = ( nx(n+1) ) / 2;

3-7;

Break statement breaks the loop;

3-8;

Continue statement skips certain conditions;

3-9;  
While loop syntax:

Initialization;  
while(condition) {  
 work;  
 increment/decrement;  
}

Do while loop syntax:  
  
initialization;  
do  
{  
 work;  
 increment/decrement;  
}   
while (condition);  
  
it will work, first time even if the condition in invalid.