**Day 3 MNG Assignment**

**1.Write the difference between while and do while loop?**

**While loop:**

* It checks the condition first and then executes statement.
* We do not need to add a semicolon at the end of a while condition.
* It is an entry controlled loop.
* Statement can be executed zero times if the condition is false.
* **Syntax:** while (condition)

{

statements;

}

**Do while loop:**

* This loop will execute the statement at least once, then the condition is checked.
* We need to add a semicolon at the end of the while condition.
* It is an exit controlled loop.
* Statement is executed at least once.
* **Syntax:** do

{

statements

} while (expression)

**2.Write the 6 points about arrays discussed in the class?**

* Arrays are collection of similar data types.
* Array index starts from zero.
* Array variable size= Array length x Data type size.
* Array size can’t be increased dynamically.
* Array require sequential memory location.
* When intilizing the array the size is not mandatory.