Daily Assessment Jormat Name: Tyotie Bonne Date: 29/06/2020 Ven: 4ALITECO37 Course: Ctt (solo learn) Togic: module 1: Basic loncepts Module 1 Github Repository jyoh-consses forenoon session details Report C++ is a general purpose programming language and which is used to create computer programs Anything From art applications, music playerst even video games A C++ program is a collection of commands or statements below is a simple code that has "Helloworld!" as its output # include Liosts cams using namespace std; int main() contec"+Pello world!"; Program execution begins with the main Jus int main retuno; # ixelude 2 iostream> using namespace std; int main () "coul ec" + pello world!"; retueno; 1. Integrated development environment: provides took for writing source code. Any text editor can be need as an

& compiler: compiler source cate into the final executable.
Program tedre are a no of ett compilere available. the most frequently used & free available Compiler is the 4NU c/c++ compiler. New Line The Coul operator doesn't insert a line break at the end of the output one way to print two lines is to use the end manipulator, which will put in a line break. # include Liostream> Wing namespace std) int main U conte "Hello world!" ecendl; contec"I lore programming!; returno; -> comments are explanatory statements that you can include in the c++ code to explain what the rode is doing the compiler ignores everything that appears in the comment, comment of that inform shows in the # include ciostreams Wing namespace stdi ind hamin() "/prints "Hello world" conter "Hello world!" returno; -> Creating a variable reserves a memory location, or space in memory for storing values the compiler requires that you provide a data type for each variable you declare

del ett effer a sich assertment of built-in all well as use defined data types integer, a built in type, represent as whole no value define integer using these teyword int. Maithmetic operations eymbol operatur addition sublaction multiplication division modulus The simple assignment operator(=) assign the right Assignment operators that have the audility that have the capability of performing an operation of an assignment at the same time ca: intx=10; x+=4; 1) equivalent to x=x+4 x-= 5; 11 equivalent to x = x-5.

Name Tyok & Donne Hale 122 10612020 Ven: 4ALITECO37 MARI explodern) 1941 Madules: Londitionals 4 Mephertery Jyoth-consice Alternoon surson details Report The if statement is used to cremte some code if a cond Amaditionals 4 loops Harrison making Then is two Myntan: 17 (condition) & The condition specifice which expression is to be evaluated. if the condition is true, the statements in the curly brackets are excented. Use relational operators to evaluate conditions The it statement ca: 17 (7>4) { Conteryes; Montputs "yes" -An it statement can be followed by an optional else statement. which executes when the condition is false SYNTAX if (londition) 4 listatements else 4 Ustatements

The loops body is the block of statements within early braces int num=1; while (num 26) } contec"number: "Le num écend!; num=num+1; 1xoutputs number: 1 number: 2 number: 3 humber: 4 number:5* A jor loop is a repetition control structure that allows you to execute write a loop that executes a specific no of times syntax gox (imit; condition; increment) { no of time statement(s); Unlike for & while loops, which test the loop landition at the top of the loop, the downie loop checks its condition at the bottom of the loop. syntax do { statement (8); while (condition); -s testra variable variable against a list of value, which are called casu, to determine wheather it is equal to any of them.

switch (capression) { case valuel: statement (8); break; case value2; statement(8); break; Case realne N: statement(s); break; Logical operators operator name of operator. AND operator 44 OR operator NOT operator