

In a Computer progracioning, loops are used to gapeast a block of Code.

for excumple, lets say use want to 3 how a measage 100 times. Then instead of writing the point stevement 100 times. We can use a loops.

There are three types of loops in CH

e) for loop.

While loop.

of do. While loop.

C++ for Loop

The syntex of for Loop is

· Initilization - Variables & is execute only once. executed in balse, the body of for loop is executed in balse, the loop is terrainated.

Opdate the lake of initilize varoiables & agin check ten condition. Flowchast of for Loop in C++ InitilizationExpression Test False trove FOO LOOP BODY Opdate Expression Loop terminates Display a text 5 times #include (iostream) using namespace std; int main () 3 int mas for (inti=0; i = 5; i++) 3 cout << " THAID Texas" < cende } getem o; Page No. Buick Quiz:
Write a CPP progresses for printing

Ranged Based For Loop

In C++11, or now sarged based fore
fore loop was introduce to wask with
Collections such as array 4 vectors.

It's syntax is:

for (variables: Collection) & body of 100P

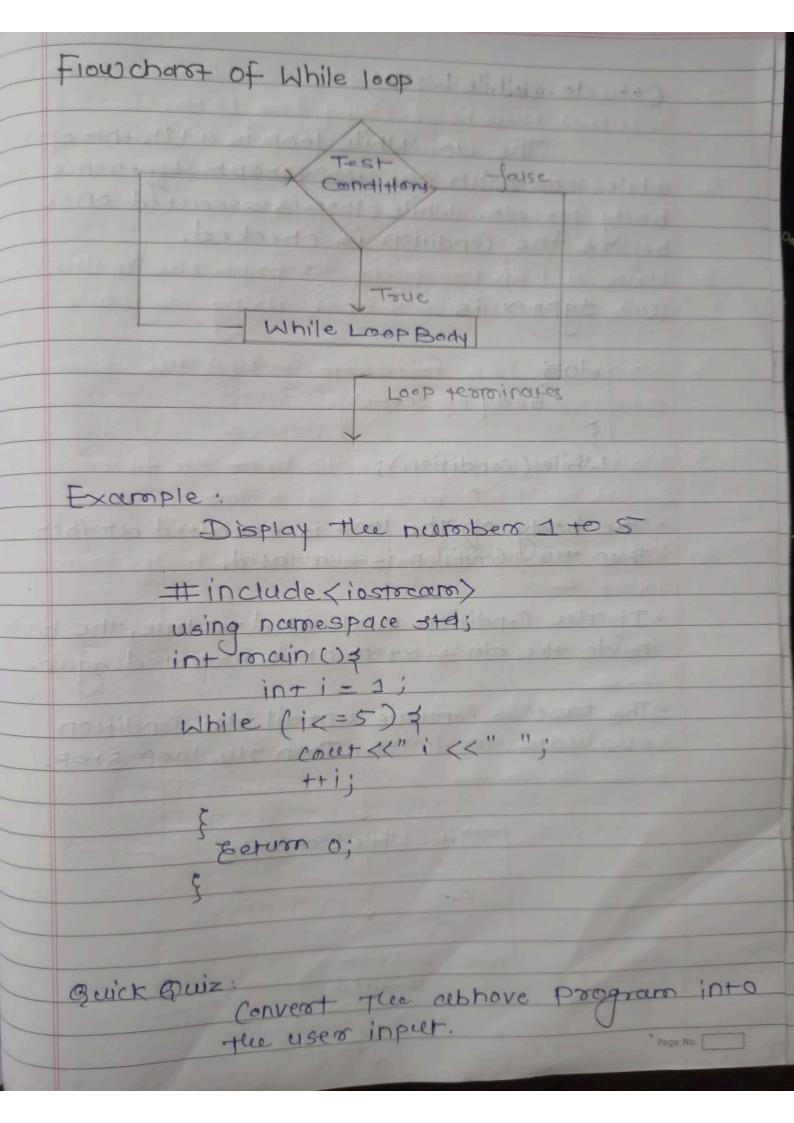
C++ While loop

The syntex of while loop is

While (condition) &

- The code inside the loop is executed.
- · When the code evaluate fulse, the 100p hout prominciped.

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C++ do...While Loop The do... While loop is a Unient of the while loop with one impostant difference: the begare the Condition is checked. ITS SYNTOX IS F 6001 00 100P While (condition): The body of the loop is executed out first. Then the condition is evaluated. . It The Condition evaluated to true, the body inside the do streterount is executed again. . The process Continue untail the Condition evaluate to feuse. Then the 100p 3top. - to... While Loop Body Touc Conditions

·++8 soms Caathi Example: Display Number foots 1 to 5. #include (iostream) using namespace stal; int reain () 3 inti=1; Cout <<" 1 <<" "; ++;; HE WE DE OF OF DEPOSED AND IN THE While (i<=5); getumo; produce of the service of the produce of the street Expected output: 1,2,3,4,5

