executes a block of statements as long as a specified condition is true.

Syntax:- while (Condition)

f // block of statements

entry controlled

block of the case e.g! - int i=1; le (i<3)

Here block of statements would be executed over & over again as long as it is less than 3.

NOTES- Update (increase) the varieble & otherwise loop)
will never end.

Uses 6- @ issed for input validation
eq: - int number;

contection number greater than 5:";

con >> number ;.

while (number 2=5)

Cin >> number,

Cout << " Go Ahead!";

exercise!-

int number; cout << "enter a number between 2 and 10!"; Cin >> nomber;

condition while (...

Complete the Code.

eg () - int main()

in while top

contect enter a positive number: det coundown!

cin >> nom;

while ( hum >0)

of cut << nom << endl;

num - - 9

Gut << " let's celebrate";

return 0;

enter a positive number:
stept Countdown; 5

5

4

2

1 let's Celebrate

example 2: - int main ()

out<< " enter a positive integer to count up to!";

an >> hom;

while (nom>=i)

d cout << ( < ( \n);

retun 0;

3 example 3: int main() bool flag = false; int nom; while (! flag) Cout << "enter 9 number between 2 and 7:"; Cin>> nom; If ( nom <= 2 | | nom >= 7) Out <<! Try again. Not valid number!; else Cout << " Thanks! "; flag 2 true; ) imp return 0; Orfut: enter a number between 2 and 7:1 Try again. Not valid number enter a number between 2 and 7: 5 Thanks 1 Condition Spuc while loop Body I Tooptermentes