part one

long values[50];

part two

float values[49]=123.456;

Part three

The last value of x is equal to 100 when the statement is complete.

Part four

The last value of x is equal to 11 when the statement is complete.

Part five

#include <stdio.h>

#include <stdlib.h>

int main(){

int count=1;

while(count<=100){

printf("%d",count);

count+=3;

}

return 0;

}

Part six

The for loop should not be terminated.

The variable counter was not declared as an integer type int.

The printf of the for loop was not put in its own braces after the for statement.