Assignment 7

PART 1 CODE -

#include <stdio.h>

#include <stdlib.h>

//Katherine Manning

//Assignment 7 - Create Array that takes input up to count of 50 and breaks on -999 input

//Define array range

#define RANGE 50

int main()

{

//declare array with range, i for loop

int arr[RANGE], count;

//start loop to take input and up to 50 inputs

for(int i = 0; i<RANGE; i++){

printf("Please enter a number [-999 to quit] :\n");

scanf("%d", &arr[i]);

//if statement to break loop if -999 is entered

if(arr[i] == -999){

count = i;

break;

}

//else statement to continue correct count of I for 50 arr

else

{

count = i+1;

}

}

//final output once loop is broken or fulfilled 50 inputs

printf("List of numbers entered:\n");

//use arr[i] as count so if loop is broken before 50 it wont continue

for(int i = 0; i<count; i++){

printf("[%d]. %d\n", i, arr[i]);

}

system("pause");

}

Part 2 Screenshots –



