Program 4:

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4. Number game :: Input an element ( string, number etc) and if the input is a number

then accept, if the input is "done" then stop accepting,

otherwise accept the next element and so on.

Use the ele,ent "done" to stop accepting input and return the largest

and smallest element recieved

Sample input pattern 111 345 hello 356 678 111 999 bye 165 done

output: the smallest is 111 the largest is 999

Hint Explore the usage of atoi function

don use integer array !!!!!!

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int main () {

int val,max=0,min=9999;

char str[20];

while(1)

{

printf("enter\n");

scanf("%s",str);

val = atoi(str);

int k=strcmp(str,"done");

if(k==0)

{ printf("%d\n",max);

printf("%d\n",min);

exit(0);

}

if(val==0)

continue;

else

{

if(val>max)

max=val;

if(val<min)

min=val;

continue;

}

}

}

Program 1:

Write a program that returns the word count in a given sentence

ascii for space is 32

input:every exampl is unique in its way

output : 7

#include<stdio.h>

#include<stdlib.h>

void main()

{

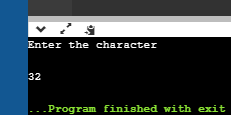
char a;

printf("Enter the character\n");

scanf("%c",&a);

printf("%d",(a-0));

}



Program 2:

#include <stdio.h>

#include <string.h>

int main()

{

char string[] = "every example is unique";

int i, j, min, max, length = strlen(string);

char maxChar = string[0];

int freq[length];

for(i = 0; i < length; i++) {

freq[i] = 1;

for(j = i+1; j < length; j++) {

if(string[i] == string[j] && string[i] != ' ' && string[i] != '0') {

freq[i]++;

string[j] = '0';

}

}

}

max = freq[0];

for(i = 0; i < length; i++)

{

if(max < freq[i]) {

max = freq[i];

maxChar = string[i];

}

}

printf("Maximum occurring character: %c", maxChar);

return 0;

}



Program 3. Write a program that returns the word count in a given sentence

ascii for space is 32

input:every exampl is unique in its way

output : 7

#include <stdio.h>

#include <string.h>

int main()

{

char a[20];

int count =0;

printf("enter a string");

gets(a);

for(int i=0;i<strlen(a);i++){

if(a[i]==' '){

count++;

}

}

printf("count is %d",count+1);

}

