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#include <stdio.h>
#include <stdlib.h>

/*****
Program:      q2.c
date:        30/9/2021
by :         Mike Mico

purpose:      compute oldest and youngest child
*****/
void main()
{
    int hasChild, age, highest, lowest;
    lowest = 1000;
    highest = -1;
    hasChild = 1 ;

    printf("do you have any children? (1 for yes ,also for no )\n");
    scanf ("%d", &hasChild);

    while (age != -1 && hasChild == 1)
    {
        printf("how old is your child?(enter -1 if no more children)\n");
        scanf ("%d", &age);

        if (age == -1)
        {
            break;
        }

        if (age > highest)
        {
            highest = age;
        }

        if (age < lowest)
        {
            lowest = age;
        }
    }
    if ( lowest == 1000)
    {
        printf("you have no children \n", highest);
    }
    if (lowest != 1000)
    {
        printf("oldest child is %d years old \n", highest);
        printf("youngest child is %d years old \n", lowest);
    }

    return 0;
}

```