

AGE CALCULATOR

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Y2 SECTION/CSE-AIML

```
#include <stdio.h>

int main()

#include <stdio.h>

int main()

{
    int d1,m1,y1,d2,m2,y2,r1,r2,r3;

printf("=====
=====
=====\\n");

    printf(" \\t\\t\\t\\tAge Calculator\\n");

printf("=====
=====
=====\\n");

    printf("Enter your birthday date : ");
    scanf("%d",&d1);
    printf("Enter your birthday month : ");
    scanf("%d",&m1);
    printf("Enter your birthday year : ");
    scanf("%d",&y1);
printf("Enter your current date : ");
    scanf("%d",&d2);
    printf("Enter your current month : ");
    scanf("%d",&m2);
    printf("Enter your current year : ");
```

```

scanf("%d",&y2);
if((d1>31 || d1<1) && (d2>31||d2<1) && (m1<1||m1>12) && (m2<1||m2>12) &&
(y1<0&&y2<0)){
    printf("ERROR");
}
else{
    r3=y2-y1;
    if(d2>=d1)
    {
        r1=d2-d1;
    }
    else{
        m2=m2-1;
        d2=d2+30;
        r1=d2-d1;
    }
    if(m2>=m1)
    {
        r2=m2-m1;
    }
    else{
        y2=y2-1;
        m2=m2+12;
        r2=m2-m1;
    }
}
printf("Your Age is %d years %d months %d days",r3,r2,r1);
return 0;
}

```

CODE SCREENSHOTS

SCREENSHOT 1

main.c [LEKHA] - Code::Blocks 20.03

```

1  #include <stdio.h>
2  int main()
3  {
4      int d1,m1,y1,d2,m2,y2,r1,r2,r3;
5      printf("=====\n");
6      printf("\t\t\t\t\tAge Calculator\n");
7      printf("=====\n");
8      printf("Enter your birthday date : ");
9      scanf("%d",&d1);
10     printf("Enter your birthday month : ");
11     scanf("%d",&m1);
12     printf("Enter your birthday year : ");
13     scanf("%d",&y1);
14     printf("Enter your current date : ");
15     scanf("%d",&d2);
16     printf("Enter your current month : ");
17     scanf("%d",&m2);
18     printf("Enter your current year : ");
19     scanf("%d",&y2);
20     if((d1>31 || d1<1) && (d2>31 || d2<1) && (m1<1 || m1>12) && (m2<1 || m2>12) && (y1<0 && y2<0)){
21         printf("ERROR");
22     }
23     else{
24         r3=y2-y1;
25         if(d2>=d1)
26         {
27             r1=d2-d1;

```

Log & others

C:\Users\revan\Desktop\New folder\LEKHA\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 35, Col 6, Pos 1090 Insert Read/Write default 20:05 29-01-2022

SCREENSHOT 2

```

22     }
23     else{
24         r3=y2-y1;
25         if(d2>=d1)
26         {
27             r1=d2-d1;
28         }
29         else{
30             m2=m2-1;
31             d2=d2+30;
32             r1=d2-d1;
33         }
34         if(m2>=m1)
35         {
36             r2=m2-m1;
37         }
38         else{
39             y2=y2-1;
40             m2=m2+12;
41             r2=m2-m1;
42         }
43     }
44     printf("Your Age is %d years %d months %d days",r3,r2,r1);
45     return 0;
46 }
47

```

Log & others

C:\Users\revan\Desktop\New folder\LEKHA\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 35, Col 6, Pos 1090 Insert Read/Write default 20:05 29-01-2022

ALGORITHM

STEP 1:

Start

STEP 2:

Initialize variables

STEP 3:

Take the first date from the user

STEP 4:

Take the first date from the user

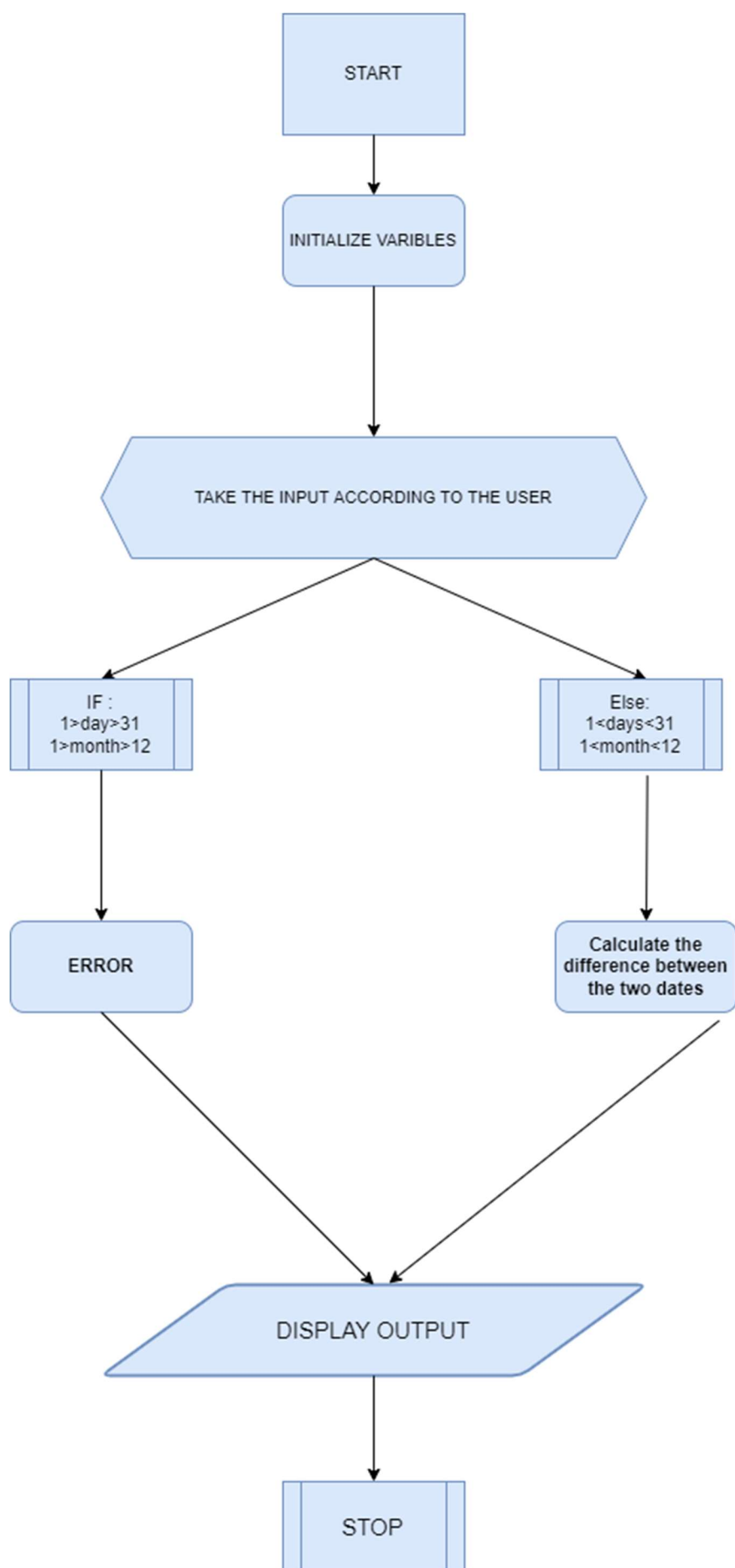
STEP 5:

Display output

STEP 6:

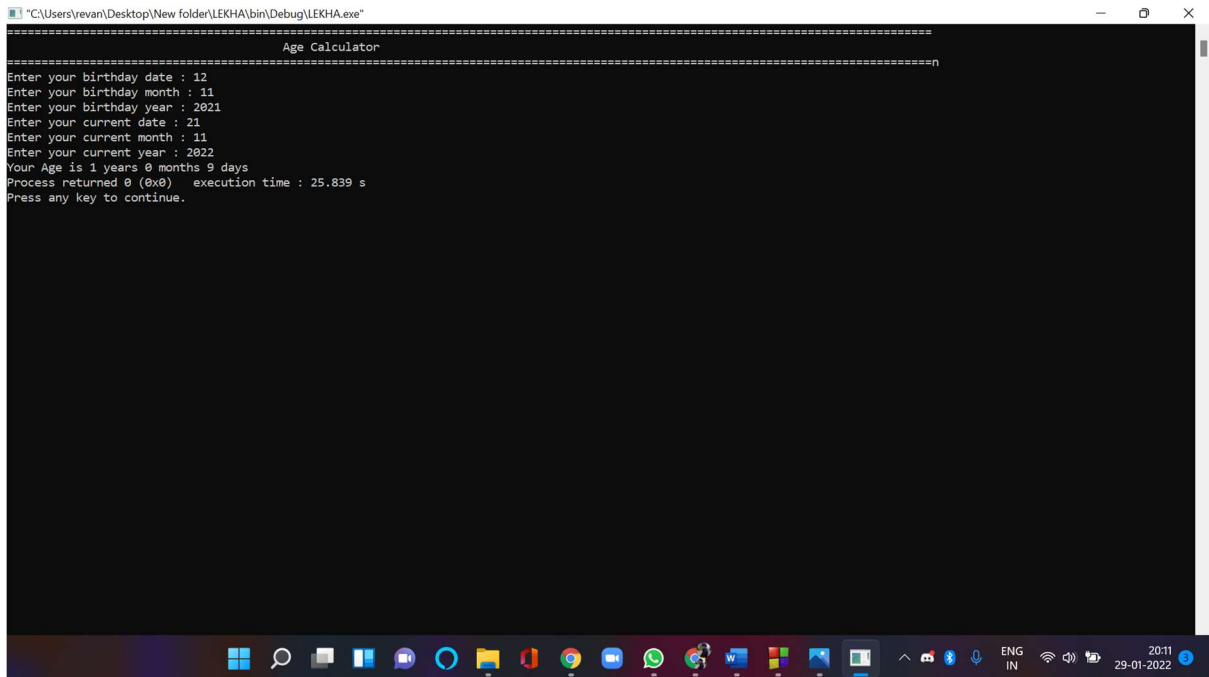
Stop.

#FLOW CHART:



#OUTPUT SCREENSHOTS

SCREENSHOT



```
=====
Age Calculator
=====
Enter your birthday date : 12
Enter your birthday month : 11
Enter your birthday year : 2021
Enter your current date : 21
Enter your current month : 11
Enter your current year : 2022
Your Age is 1 years 0 months 9 days
Process returned 0 (0x0)   execution time : 25.839 s
Press any key to continue.
```

