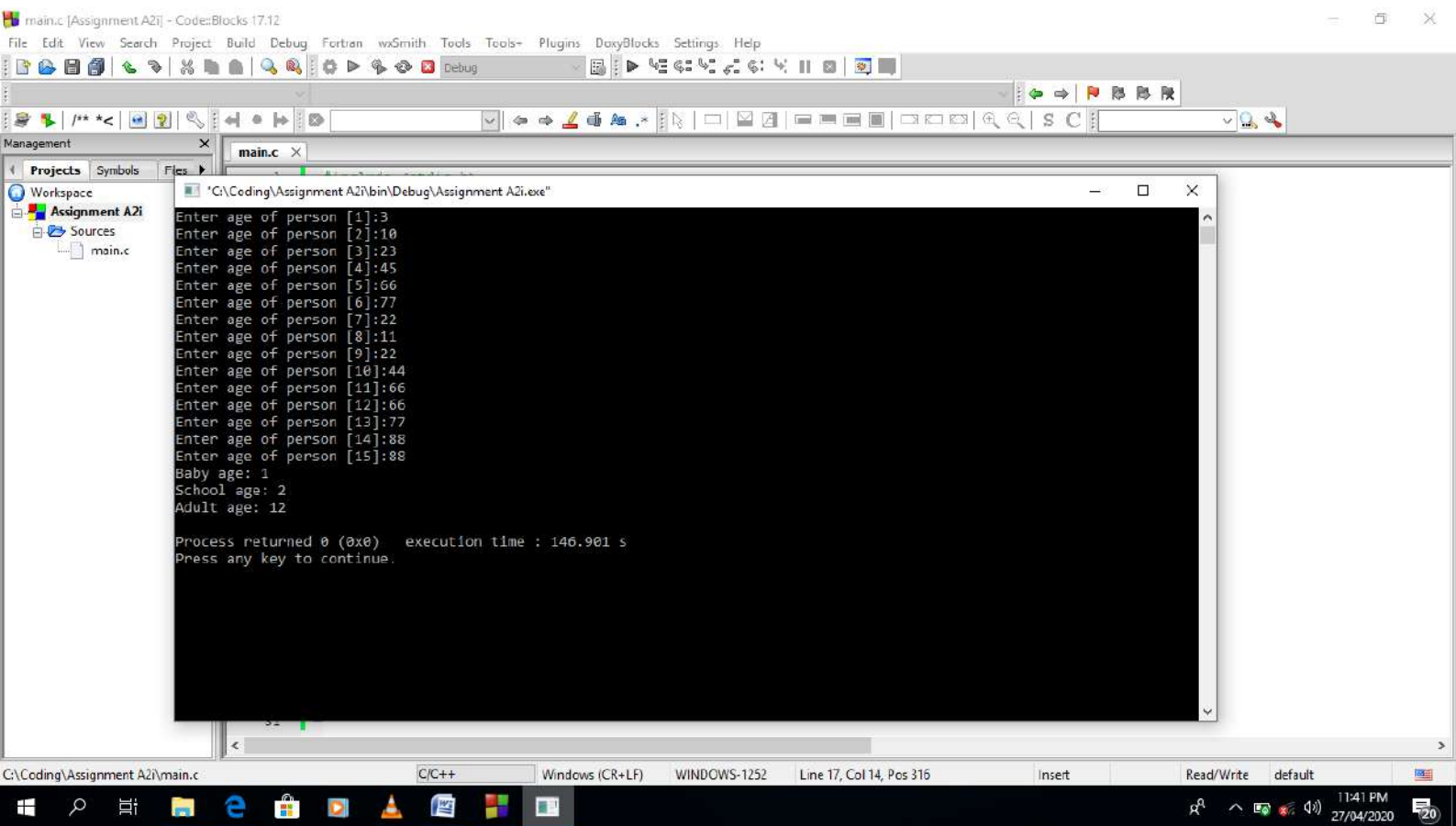


```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int age;
7     int cnt_baby=0,cnt_school=0,cnt_adult=0;
8     int count=0;
9
10    while(count<15)
11    {
12        printf("Enter age of person [%d]:",count+1);
13        scanf("%d",&age);
14
15        if(age>=0 && age<=4)
16            cnt_baby++;
17        else if(age>=5 && age<=17)
18            cnt_school++;
19        else
20            cnt_adult++;
21        //Increase counter
22        count++;
23    }
24
25    printf("Baby age: %d\n",cnt_baby);
26    printf("School age: %d\n",cnt_school);
27    printf("Adult age: %d\n",cnt_adult);
28
29    return 0;
30 }
31
```



C:\Coding\Assignment A2i\main.c

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 17, Col 14, Pos 316

Insert

Read/Write

default

11:41 PM
27/04/2020



Management

- Projects
- Workspace
- Assignment A2
- Sources

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     float x, y, z, P, A;
7     printf("\nInput the first number: ");
8     scanf("%f", &x);
9     printf("\nInput the second number: ");
10    scanf("%f", &y);
11    printf("\nInput the third number: ");
12    scanf("%f", &z);
13
14    if (x < (y+z) && y < (x+z) && z < (y+x))
15    {
16        P = x+y+z;
17        printf("\nPerimeter = %.1f\n", P);
18    }
19    else
20    {
21        printf("Not possible to create triangle");
22    }
23
24
25    return 0;
26 }
27
```

main.c [Assignment A2i] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools- Plugins DoxyBlocks Settings Help

Debug

<global> main0: int

Management

Projects Symbols Files

Workspace

Assignment A2i

Sources

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     float
7     printf("Input the first number: ");
8     scanf("%f", &);
9     printf("Input the second number: ");
10    scanf("%f", &);
11    printf("Input the third number: ");
12    scanf("%f", &);
13    Perimeter = 15.0;
14
15    if (x
16    {
17        Process returned 0 (0x0)   execution time : 7.167 s
18        Press any key to continue.
19    }
20
21
22
23
24
25    return
26
27 }
```

"C:\Coding\Assignment A2i\bin\Debug\Assignment A2i.exe"

Process returned 0 (0x0) execution time : 7.167 s
Press any key to continue.

main.c [UDOH, DANIEL G 18\ENGO5\062 (5)] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools- Plugins DoxyBlocks Settings Help

Management

Projects Symbols Files

Workspace

UDOH, DANIEL G 18\ENGO5

Sources

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     int random_genNo=0, count=0, num;
7     int stime;
8     long ltime;
9     ltime = time(NULL);
10    stime = (unsigned) ltime/2;
11    srand(stime);
12    //generate random number
13    random_genNo=rand()%100;
14    // run infinite loop
15    while(1)
16    {
17        //increase counter
18        count++;
19        //read number from user
20        printf("\n\nGuess a number from 0 to 100:");
21        scanf("%d", &num);
22
23        if (random_genNo==num)
24        {
25            printf("Congratulations, you have guessed a correct value.");
26            break;
27        }
28        else if (random_genNo<num)
29        {
30            printf("generated number is less than entered number. try again...");
31        }
32    }
33 }
```

zoom out the diagram C/C++ Windows (CR+LF) WINDOWS-1252 Line 45, Col 1, Pos 1089 Insert Read/Write default 12:47 AM 23/04/2020

main.c [UDOH, DANIEL G 18\ENG05\062 (5)] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools- Plugins DoxyBlocks Settings Help

<global>

Management

Projects Symbols Files

Workspace

UDOH, DANIEL G 18\ENG05

Sources

main.c

```
15 while(1)
16 {
17     //increase counter
18     count+=1;
19     //read number from user
20     printf("\n\nGuess a number from (0 to 100):");
21     scanf("%d", &num);
22
23     if (random_genNo==num)
24     {
25         printf("Congratulations, you have guessed a correct value.");
26         break;
27     }
28     else if (random_genNo<num)
29     {
30         printf("generated number is less than entered number, try again....");
31     }
32     else if (random_genNo>num)
33     {
34         printf("Generated number is greater than entered number, try again.....");
35     }
36     if (count==7)
37     {
38         printf("\n\n### Maximum limit of attempt finished , BAD LUCK !\n");
39         break;
40     }
41 }
42
43 return 0;
44 }
45
```

C:\Coding\062 (5)\UDOH, DANIEL G 18\ENG05\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 45, Col 1, Pos 1089 Insert Read/Write default

12:51 AM 23/04/2020

