

"C:\Users\ADENIYI TOLULOPE\Documents\ASSIGNMENT5\bin\Debug\ASSIGNMENT5.exe"

```
Guess a number from (0 to 100): 70
Generated number is less than entered number,try your luck again...

Guess a number from (0 to 100): 35
Generated number is less than entered number,try your luck again...

Guess a number from (0 to 100): 15
Generated number is greater than entered number,try your luck again...

Guess a number from (0 to 100): 21
Generated number is greater than entered number,try your luck again...

Guess a number from (0 to 100): 18
Generated number is greater than entered number,try your luck again...

Guess a number from (0 to 100): 17
Generated number is greater than entered number,try your luck again...

Guess a number from (0 to 100): 90
Generated number is less than entered number,try your luck again...

### maximum limit of attempt finished, bad luck !!!

Process returned 0 (0x0)   execution time : 64.305 s
Press any key to continue.
```

```

printf("\n");
return 0;
}

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

int main()
{
float x, y, z, p, a;
printf("Input the first
number: ");
scanf("%f", &x);
printf("Input the second
number: ");
scanf("%f", &y);
printf("Input the third
number: ");
scanf("%f", &z);
if (x < (y+z) && y < (x+z)
&& z < (x+y))
{
p = x+y+z;
printf("Perimeter = %.
1f\n", p);
}
else
{
printf("not possible
to create a triangle
..!");
}
}

```

```

4 #include <stdio.h>
#include <stdlib.h>
int main()
{
int age;
int cnt = baby = 0, cut
school = 0, cut = adult = 0;
int count = 0;
while (count < 30)
{
printf("Enter age of
person [%d]:", count+1);
scanf("%d", &age);
if (age >= 0 && age <= 4)
cut_baby++;
else if (age >= 5 && age <= 17)
cut_school++;
else
cut_adult++;
// increase counter
count++;
}
printf("baby age: %d\n",
cnt = baby);
printf("school age: %d\n",
cut = school);
printf("adult age: %d\n",
cut = adult);
return 0;
}

```

```

5 #include <stdio.h>
#include <stdlib.h>
int main()
{
int random_genNo = 0, count = 0, num;
int same;
long ltime;
// initialise srand with current time, to
get the random number on every run
ltime = time(NULL);
srand((unsigned) ltime/2);
srand(30me);
// generate random number
random_genNo = rand() % 100;
// run infinite loop
while (1)
{
// increase number counter
count++;
// read number from user
printf("\n\n Guess a number from low
(0 to 100): ");
scanf("%d", &num);
// compared entered number with
generated number
if (random_genNo == num)
{
printf("Congratulations, you have guessed
a correct number.");
break;
}
else if (random_genNo < num)
{
printf("Generated number is less than
entered number, try your luck again.");
}
else if (random_genNo > num)
{
printf("Generated number is greater
than entered number, try your luck

```

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```
Enter age of person [1]:0  
Enter age of person [2]:1  
Enter age of person [3]:2  
Enter age of person [4]:3  
Enter age of person [5]:44  
Enter age of person [6]:55  
Enter age of person [7]:66  
Enter age of person [8]:44  
Enter age of person [9]:12  
Enter age of person [10]:13  
Enter age of person [11]:14  
Enter age of person [12]:55  
Enter age of person [13]:66  
Enter age of person [14]:18  
Enter age of person [15]:19  
Enter age of person [16]:20  
Enter age of person [17]:44  
Enter age of person [18]:55  
Enter age of person [19]:66  
Enter age of person [20]:15  
baby age: 4  
school age: 4  
adult age: 12
```

Process returned 0 (0x0) execution time : 67.822 s
Press any key to continue.

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----- Run: Debug in ASSIGNMENT 2 (compiler: GNU GCC Compiler) -----
Checking for existence: C:\Users\ADENIYI TOLULOPE\Documents\ASSIGNMENT 4\bin\Debug\ASSIGNMENT 2.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\ADENIYI TOLULOPE\Documents\ASSIGNMENT 4\..."

main.c [ASSIGNMENT 1] - Code::Blocks 17.12
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<global> main(): void

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```
Enter the total days  
1343  
1343 years,3 weeks,35 days  
Process returned 27 (0x1B) execution time : 10.511 s  
Press any key to continue.
```

```
----- Run: Debug in ASSIGNMENT 1 (compiler: GNU GCC Compiler)-----  
Checking for existence: C:\Users\ADENIYI TOLUOPE\Documents\ASSIGNMENT 1\bin\Debug\ASSIGNMENT 1.exe  
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\ADENIYI TOLUOPE\Documents\  
\ADENIYI TOLUOPE\Documents\ASSIGNMENT 1\..)
```

Type here to search



main.c [assignment 2] - Code::Blocks 17.12

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<global> main() : int

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"C:\Users\ADENIYI TOLULOPE\Documents\assignment 2\bin\Debug\assignment 2.exe"

```
input x1:36
input y1: 16
input x2: 25
input y2: 15
distance between the said points: 11.0454

Process returned 0 (0x0)   execution time : 70.126 s
Press any key to continue.
```

----- Run: Debug in assignment 2 (compiler: GNU GCC Compiler)-----

Checking for existence: C:\Users\ADENIYI TOLULOPE\Documents\assignment 2\bin\Debug\assignment 2.exe

Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\ADENIYI TOLULOPE\Documents\assignment 2\."

C:\Users\ADENIYI TOLULOPE\Documents\assignment 2\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 17, Col 18, Pos 438 Insert

main.c [ASSIGNMENT3] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global> Debug
main() : int

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```
input the first number: 5  
input the second number: 3  
input the third number: 7  
perimeter = 15.0  
Process returned 0 (0x0) execution time : 88.193 s  
Press any key to continue.
```

----- Run: Debug in ASSIGNMENTS (compiler: GNU GCC Compiler) -----
Checking for existence: C:\Users\ADENIYI TOLULOPE\Documents\ASSIGNMENTS\bin\Debug\ASSIGNMENTS.exe
Executing: "C:\Program Files (x86)\CodeBlocks\cb_console_runner.exe" "C:\Users\ADENIYI TOLULOPE\Documents\ASSIGNMENTS\

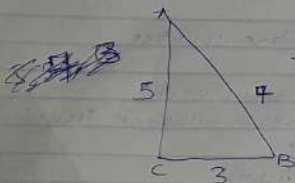
```

    again...");
}
if (count == 4) {
    printf("In n### Maximum limit of attempt
    finished, bad luck !!!\n");
    break;
}
}
return 0;
}

```

Continuation for number 3

Parameters



$A+B > C$	$A+C > B$	$B+C > A$
$5+7 > 3$	$5+3 > 7$	$7+3 > 5$
True	True	True

∴ 5, 7, 3 makes a triangle

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 matric: 16/10/2008
 Dept: Computer Engineering
 Course: Computer Programming
 Assignment

```

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

  void main()
  {
    int noday, years, weeks, days;
    printf("Enter the total days\n");
    scanf("%d", &noday);
    years = noday/365;
    weeks = (noday%365)/7;
    days = (noday%365)%7;
    printf("%d years, %d weeks, %d days\n",
    noday, years, weeks, days);
  }

```

```

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

```

```

  int main()
  {
    float x1, y1, x2, y2, gdistance;
    printf("input x1:");
    scanf("%f", &x1);
    printf("input y1:");
    scanf("%f", &y1);
    printf("input x2:");
    scanf("%f", &x2);
    printf("input y2:");
    scanf("%f", &y2);
    gdistance = ((x2-x1)*(x2-x1) + (y2-y1)*
    (y2-y1));
    printf("distance between the solid point
    : %.4f", sqrt(gdistance));
  }

```