



```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int days, years, weeks;
7
8      /* Input total number of days from user */
9      printf("Enter days: ");
10     scanf("%d", &days);
11
12     /* Conversion */
13     years = (days / 365); // Ignoring leap year
14     weeks = (days % 365) / 7;
15     days = days - ((years * 365) + (weeks * 7));
16
17     /* Print all resultant values */
18     printf("YEARS: %d\n", years);
19     printf("WEEKS: %d\n", weeks);
20     printf("DAYS: %d", days);
21
22     return 0;
23 }
24
```



```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float x1, y1, x2, y2, gdistance;
7      printf("Input x1: ");
8      scanf("%f", &x1);
9      printf("Input y1: ");
10     scanf("%f", &y1);
11     printf("Input x2: ");
12     scanf("%f", &x2);
13     printf("Input y2: ");
14     scanf("%f", &y2);
15     gdistance = ((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
16     printf("Distance between the said points: %.4f", sqrt(gdistance));
17     printf("\n");
18     return 0;
19 }
20
```



```
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
20     else
21     {
22         printf("Not possible to create a triangle..!");
23     }
24 }
25
```



Input the first number: 4

Input the second number: 5

Input the third number: 6

Perimeter = 15.0

Process returned 0 (0x0) execution time : 5.912 s

Press any key to continue.



```
Guess a number from (0 to 100): 4
Generated number is greater than entered number, try your luck ag

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): 45
Generated number is greater than entered number, try your luck ag

Guess a number from (0 to 100): 59
Generated number is greater than entered number, try your luck ag

Guess a number from (0 to 100): 65
Generated number is less than entered number, try your luck again.

Guess a number from (0 to 100): 60
Congratulations, you have guessed a correct number.
Process returned 0 (0x0)   execution time : 36.058 s
Press any key to continue.
```

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Input x1: 78

Input y1: 40

Input x2: 120

Input y2: 80

Distance between the said points: 58.0000

Process returned 0 (0x0) execution time : 34.383 s

Press any key to continue.

