1. Write a C program to convert 1343 days into years, weeks and days(NoTE: Ignore leap year)

2. Write a C program to calculate the distance between the two points Note: x1 y1 x2 y2are all double values

3. Write a c program that reads three floating values and check if it is possible to make a triangle with them. Also calculate the perimeter of the triangle if the disk values are valid.

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4. Write a C program to read age of 20 people and count total Baby age, School age and adult age.


5.write a c program to read a random number and then ask user to guess it from (0 to 100)
```
#include <stdio.h>
#include <stdlib.h>
#include <time.h>
    int main()
\square {
    int random_genNo=0, count=0, num;
    int stime;
    long ltime;
    //\mp@code{Mitialige swand with current time, to get random number on every run}
        ltime = time(NULL);
        stime=(unsigned) ltime/2;
        srand (stime);
        // generate random number
        random_genNo=rand()*100;
        Fun infinite loop
        while(1)
        {
            //increase counter
            count+=1;
            /read number from user
            printf("\n\nGuess a number from (0 to 100): ");
            scanf("sd" ,&num);
            //compare 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 again...");
    }
    if(count==7) {
        printf("\n\n### maximum limit of attempt finished, BAD LUCK !!!\n");
        break;
    }
    return 0;
```



