1)  
#include <stdio.h>
int main()
{
    int i;
    float prob, n;
    double prob1;
    printf("How many students are there in your class?");
    scanf("%f", &n);

    prob = 1.0;
    for (i=1; i<n; i++)
    {
        prob = ((365.0 - i) / 365.0) * prob;
    }
    prob1 = (1 - prob) * 100;
    printf("There is a %lf percent possibility that two students have the same Birthday.");
    return 0;
}

How many students are there in your class? 25
There is a 56.869978 percent possibility that two students have the same Birthday.

2)  
#include <stdio.h>

int main()
{
    float sum;
    float a[20] = {1.73048, -1.44382, -0.577526, -4.84721,
                   2.91786, 4.33726, 4.22113, 2.09881, -3.31599, 2.28717, 2.01029, -2.35862,
                   -4.08914, -3.04902, 3.47003, -3.91596, -0.803517, 4.73258, -1.29015, -1.82106};
    int i;
    for (i = 0; i < 20; i++)
    {
        sum += *(a + i);
    }
    printf("By using a pointer the sum of the Numbers is %f\n", sum);
    return 0;
}

By using a pointer the sum of the Numbers is 0.293597

3)  
#include <stdio.h>
#define N 1000

void swap(float *a, float *b)
{
    Page 1
float tmp;
tmp=*a;
*a=*b;
*b=tmp;
}

int main()
{

float a[N]={the number you gave me - i didn't want to make pages of numbers!!}
int i, j;

for (j=1; j < N; j++)
    {for (i=0; i< N-j; i++)
        if ( a[i]> a[i+1]) swap(&a[i], &a[i+1]);
    }

    printf("The 67th Largest number is %f\n", a[933]);
    return 0;
}

The 67th Largest number is 87.025398