#include<stdio.h>

int main()

{

int a, b, c, d,sum;

scanf("%d%d%d%d", &a, &b, &c, &d);

sum=a \* b - c \* d;

printf("DIFERENCA = %d\n",sum );

return 0;

}

#include <stdio.h>

int main()

{

int A, B, PROD;

scanf("%d%d", &A, &B);

PROD = A\*B;

printf("PROD = %d\n", PROD);

return 0;

}

#include<stdio.h>

int main()

{

int a, b, c, d,sum;

scanf("%d%d%d%d", &a, &b, &c, &d);

sum=a \* b - c \* d;

printf("DIFERENCA = %d\n",sum );

return 0;

}

#include<stdio.h>

int main()

{

int X, Y;

float price = 0;

scanf("%d %d", &X, &Y);

if (X == 1)

{

price = (float) (4.00 \* Y);

}

else if (X == 2)

{

price = (float) (4.50 \* Y);

}

else if (X == 3)

{

price = (float) (5.00 \* Y);

}

else if (X == 4)

{

price = (float) (2.00 \* Y);

}

else if (X == 5)

{

price = (float) (1.50 \* Y);

}

printf("Total: R$ %.2f\n",price);

}

#include<stdio.h>

int main()

{

int A, B;

scanf("%d %d", &A, &B);

if (B % A == 0 || A % B == 0)

{

printf("Sao Multiplos\n");

}

else

{

printf("Nao sao Multiplos\n");

}

return 0;

}

#include <stdio.h>

int main( ){

int N, i, x;

scanf("%d", &N);

for( i = 1; i <= N; i++){

scanf("%d", &x);

if(x == 0){

printf("NULL\n");

}else if(x % 2 == 0){

if(x > 0){

printf("EVEN POSITIVE\n");

}else{

printf("EVEN NEGATIVE\n");

}

}else{

if(x > 0){

printf("ODD POSITIVE\n");

}else{

printf("ODD NEGATIVE\n");

}

}

}

}

#include<stdio.h>

int main(){

int time, av\_value;

float fuel;

scanf("%d %d", &time, &av\_value);

fuel = ((time \* av\_value) / 12.0);

printf("%.3f\n", fuel);

return 0;

}

#include <stdio.h>

int main()

{

int a, b, c, d;

scanf("%d %d %d %d", &a, &b, &c, &d);

if((b > c) && (d > a) && (c + d > a + b) && c > 0 && c > 0 && (a % 2 == 0))

printf("Valores aceitos\n");

else

printf("Valores nao aceitos\n");

return 0;

}

#include<stdio.h>

int main()

{

float n;

scanf("%f", &n);

if(n < 0 || n > 100){

printf("Fora de intervalo\n");

}else{

if(n >= 0 && n <= 25){

printf("Intervalo [0,25]\n");

}else if(n > 25 && n <= 50){

printf("Intervalo (25,50]\n");

}else if(n > 50 && n <= 75){

printf("Intervalo (50,75]\n");

}else{

printf("Intervalo (75,100]\n");

}

}

return 0;

}

#include <stdio.h>

int main()

{

int N,a,b;

scanf("%d", &N);

for(a=1;a<=10;a++)

{

b=a\*N;

printf("%d x %d = %d\n",a,N,b);

}

return 0;

}

#include <stdio.h>

#include <string.h>

int main ()

{

int n, v, i, s;

char ch[10001], face[5];

strcpy (face, "NLSO");

while (scanf ("%d", &n) && n!=0){

getchar ();

gets (ch);

v = strlen (ch);

s = 0;

for (i=0; i<v; i++){

if (ch[i]=='D') s++;

else s--;

if (s==4) s = 0;

if (s==-1) s = 3;

}

printf ("%c\n", face[s]);

}

return 0;

}

#include <stdio.h>

int main()

{

char a[15];

char b[15];

char c[15];

scanf("%s",a);

scanf("%s",b);

scanf("%s",c);

if (a[0] == 'v' && b[0] == 'a' && c[0] == 'c')printf("aguia\n");

if (a[0] == 'v' && b[0] == 'a' && c[0] == 'o')printf("pomba\n");

if (a[0] == 'v' && b[0] == 'm' && c[0] == 'o')printf("homem\n");

if (a[0] == 'v' && b[0] == 'm' && c[0] == 'h')printf("vaca\n");

if (a[0] == 'i' && b[0] == 'i' && c[2] == 'm')printf("pulga\n");

if (a[0] == 'i' && b[0] == 'i' && c[2] == 'r')printf("lagarta\n");

if (a[0] == 'i' && b[0] == 'a' && c[0] == 'h')printf("sanguessuga\n");

if (a[0] == 'i' && b[0] == 'a' && c[0] == 'o')printf("minhoca\n");

return 0;

}

#include<stdio.h>

int main()

{

int i,p[5],im[5],par=0,imp=0,a,j;

while(scanf("%d",&a)==1){

if(a%2==0){

p[par]=a;

par++;

}

else{

im[imp]=a;

imp++;

}

if(par==5){

for (j = 0; j <= 4; j++){

printf("par[%d] = %d\n",j,p[j]);

p[j]='\0';

}

par=0;

}

if(imp==5){

for (j = 0; j <= 4; j++){

printf("impar[%d] = %d\n",j,im[j]);

im[j]='\0';

}

imp=0;

}

}

for (j = 0; j <= 4; j++){

if (im[j] == '\0')

break;

printf("impar[%d] = %d\n", j, im[j]);

}

for (j = 0; j <= 4; j++){

if (p[j] == '\0')

break;

printf("par[%d] = %d\n", j, p[j]);

}

return 0;

}

#include<stdio.h>

int main()

{

int N;

scanf("%d", &N);

switch (N)

{

case 1:

printf("January\n");

break;

case 2:

printf("February\n");

break;

case 3:

printf("March\n");

break;

case 4:

printf("April\n");

break;

case 5:

printf("May\n");

break;

case 6:

printf("June\n");

break;

case 7:

printf("July\n");

break;

case 8:

printf("August\n");

break;

case 9:

printf("September\n");

break;

case 10:

printf("October\n");

break;

case 11:

printf("November\n");

break;

case 12:

printf("December\n");

break;

default:

break;

}

}

#include<stdio.h>

int main(){

int a,b,c,ab,abc;

scanf("%d %d %d",&a,&b,&c);

ab=(a+b+abs(a-b))/2;

abc=(ab+c+abs(ab-c))/2;

printf("%d eh o maior\n",abc);

return 0;

}

#include <stdio.h>

int main() {

int i;

for (i = 1; i <= 100; ++i)

{

if(i % 2 == 0)

{

printf("%i\n", i);

}

}

return 0;

}

#include <stdio.h>

int main()

{

double a, b, c, temp;

scanf("%lf %lf %lf", &a, &b, &c);

if (a < b)

{

temp = a;

a = b;

b = temp;

}

if (b < c)

{

temp = b;

b = c;

c = temp;

}

if (a < b)

{

temp = a;

a = b;

b = temp;

}

if (a >= b + c)

{

printf("NAO FORMA TRIANGULO\n");

}

else if (a \* a == b \* b + c \* c)

{

printf("TRIANGULO RETANGULO\n");

}

else if (a \* a > b \* b + c \* c)

{

printf("TRIANGULO OBTUSANGULO\n");

}

else if (a \* a < b \* b + c \* c)

{

printf("TRIANGULO ACUTANGULO\n");

}

if (a == b && b == c)

{

printf("TRIANGULO EQUILATERO\n");

}

else if (a == b || b == c)

{

printf("TRIANGULO ISOSCELES\n");

}

return 0;

}

#include<stdio.h>

int main()

{

double a,b,c,r1,r2,del;

scanf("%lf %lf %lf",&a,&b,&c);

del=(b\*b)-(4\*a\*c);

r1=(-b+sqrt(del))/(2\*a);

r2=(-b-sqrt(del))/(2\*a);

if(a!=0 && del>0)

{

printf("R1 = %.5lf\nR2 = %.5lf\n",r1,r2);

}

else printf("Impossivel calcular\n");

return 0;

}

#include<stdio.h>

int main()

{

int i,N[20];

for(i = 19;i >= 0;i--){

scanf("%d",&N[i]);

}

for(i = 0;i < 20;i++){

printf("N[%d] = %d\n",i,N[i]);

}

return 0;

}

#include<stdio.h>

int main()

{

double N[12][12],sum=0.0;

char O[2];

scanf("%s",&O);

int n=1,i,j;

for(i = 0;i < 12;i++){

for(j = 0;j < 12;j++){

scanf("%lf",&N[i][j]);

}

}

for(i = 10;i >= 0;i--){

for(j = 0;j < n;j++){

sum += N[i][j];

}

n++;

}

if (O[0]=='S')printf("%.1lf\n",sum);

else printf("%.1lf\n",sum/66.0);

return 0;

}

#include<stdio.h>

int main()

{

int p,n,i,x1,x2,a,b;

while(scanf("%d",&p)!= EOF){

b=0;

scanf("%d",&n);

int ar[n];

for(i = 0;i < n;i++){

scanf("%d",&ar[i]);

}

for(i = 1;i < n;i++){

a=ar[i]-ar[i-1];

if(a<0)a\*=-1;

if(a>p){

b=1;

break;

}

}

if(b==1)printf("GAME OVER\n");

else printf("YOU WIN\n");

}

return 0;

}

#include<stdio.h>

#include<string.h>

int main()

{

int i,j,k=3,l,n,o,p;

char ch[1002],ch1[1002];

scanf("%d",&n);

getchar();

for(i = 0;i < n;i++){

gets(ch);

l = strlen(ch);

for(j=0;j<l;j++){

if((ch[j]>='A' && ch[j]<='Z') || (ch[j]>='a' && ch[j]<='z'))ch[j] += 3;

}

p=l-1;

for(j=0;j<l;j++){

ch1[j]=ch[p];

p--;

}

ch1[j]='\0';

for(j = l/2;j < l;j++)

ch1[j] -= 1;

printf("%s\n",ch1);

}

return 0;

}

#include <stdio.h>

#include <stdlib.h>

int main (){

int n, m, i, j, k;

int cont, aux;

int vagoes[50];

scanf("%d",&n);

for(i = 0; i < n; i++){

scanf("%d", &m);

cont = 0;

for(j = 0; j < m; j++){

scanf("%d", &vagoes[j]);

}

for(j = 0; j < m; j++){

for(k = j+1; k < m; k++){

if ( vagoes[j] > vagoes[k] ){

aux = vagoes[j];

vagoes[j] = vagoes[k];

vagoes[k] = aux;

cont++;

}

}

}

printf("Optimal train swapping takes %d swaps.\n", cont);

}

return 0;

}

#include <stdio.h>

#include <string.h>

int main () {

int i, length ,n;

char str[100];

int total;

scanf("%d",&n);

while(n--){

scanf("%s",str);

length = strlen(str);

for(i = 0, total = 0; i < length; i++) {

if(str[i] == '0')

total += 6;

else if(str[i] == '1')

total += 2;

else if(str[i] == '2')

total += 5;

else if(str[i] == '3')

total += 5;

else if(str[i] == '4')

total += 4;

else if(str[i] == '5')

total += 5;

else if(str[i] == '6')

total += 6;

else if(str[i] == '7')

total += 3;

else if(str[i] == '8')

total += 7;

else if(str[i] == '9')

total += 6;

}

printf("%d leds\n", total);

}

return 0;

}

#include <stdio.h>

int main()

{

int x,y, a=0,b=1,c=0;

scanf("%d", &x);

for(y=1; y<x; y++)

{

if(y%2==1)

{

printf("%d ",c);

c=a+b;

a=c;

}

else if(y==2)

printf("%d ",c);

else if(y%2==0)

{

printf("%d ",c);

c=a+b;

b=c;

}

}

printf("%d\n",c);

return 0;

}