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LP01

ANSWER A

#include<stdio.h>

#include<math.h>

int main(){

double income[50];

double total= 0;

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

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

total = total + income[i];

}

double tax = 0.07 \* total;

double cs = 0.05 \* total;

printf("%.2lf, %.2lf, %.2lf\n", floor(tax), floor(cs), total-floor(tax)-floor(cs));

return 0;

}

ANSWER C

#include<stdio.h>

int main(){

int T;

long int X, W, D, V, K, Y;

scanf("%d", &tc);

for(int i = 0; i < T; i++){

scanf("%ld %ld %ld %ld", &X, &W, &D, &V, &K, &Y);

switch(X)

case 1:

X = 450;

break;

case 2:

X = 900;

break;

case 3:

X = 1320;

break;

case 4:

limit = 3200;

break;

case 5:

limit = 4500;

break;

}

if (X < W){

printf ("Case #%d: Line broke up", i+1);

}else{

for(int i = 0; i < Y; i++){

T = T +1;

D = D - 5;

V = V - K;

}

if(V < 0){

V =0;

}

if(D <= 0){

break;

}

}

printf("Case #%d:");

return 0;

}

ANSWER D

#include<stdio.h>

int main(){

int T;

int merah,hitam, c;

int sumR, sumB;

scanf("%d", &T);

for(int i = 0; i < T; i++){

scanf("%d %d %d", &c, &merah, &hitam);

int counter = 0;

while(merah + hitam <= c){

counter++;

merah = sumR;

hitam = sumB;

if(counter%4 == 0){

sumR = sumR - sumR/3;

}else{

sumR = sumR \* 2;

}

if(counter%3 == 0){

sumB = sumB - sumB \* 4/5;

}else{

sumB = sumB \* 3;

}

}

if(merah == hitam){

printf("Case #%d: %d None",i+1, counter-1);

}else if(merah > hitam){

printf("Case #%d: %d Red",i+1, counter-1);

}else if(hitam > merah){

printf("Case #%d: %d Black",i+1, counter-1);

}

if(merah > hitam){

printf(" %d\n", merah - hitam);

}else{

printf(" %d\n", hitam - merah);

}

}

}