**Mid Exam 2020/2021 Algorithm and Programming**

**Nama : Ray Hans Sebastian Mantiri**

**NIM : 2440020114**

1. #include <stdio.h>

#include <math.h>

int main ()

{

double a[15], sum = 0, tax = 0, charge = 0;

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

{

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

sum = sum + a[i];

}

tax = floor((7\*sum)/100);

charge = floor((5\*sum)/100);

sum = sum - tax - charge;

printf ("%.2f, %.2f, %.2f\n", tax, charge, sum);

return 0;

}

1. #include <stdio.h>

int main ()

{

int t;

char s[105];

scanf ("%d", &t); getchar ();

for (int i=0;i<t;i++)

{

scanf ("%[^\n]", s);

printf ("Case #%d: %s", i+1, s);

}

return 0;

}

1. #include <stdio.h>

int main ()

{

long long t, x, w, d, v, k, y;

scanf ("%lld", t);

for (int i=0;i<t;i++)

{

scanf ("%lld %lld %lld %lld %lld %lld", &x, &w, &d, &v, &k, &y);

if ()

}

return 0;

}

1. #include <stdio.h>

int main ()

{

long long t, c, r = 0, b = 0, s;

scanf ("%lld", &t);

for (int i=0;i<t;i++)

{

scanf ("%lld %lld %lld", &s, &r, &b);

r = r\*2;

if (i%4==0)

{

r = r-(r/3);

} else

{

r = r\*2;

}

printf ("Case #%d: %d %s %d", i+1, );

}

return 0;

}