Bài 13:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

int main ()

{

long n;

int flag = 1;

printf("\nNhap n: ");

scanf\_s("%ld", &n);

while (n > 0)

{

if( n % 2 != 0)

{

flag = 0;

break;

}

n = n / 10;

}

if (flag)

printf(" n toan so chan\n");

else

printf("n co so le\n");

return 0;

getch ();

}

Bài 14:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

int kiemtra (long n)

{

int dem = 0;

while (n > 0)

{

if (n % 2 == 0)

{

return 0;

break;

}

n = n / 10;

}

return 1;

}

int main ()

{

long n;

int dem = 0;

printf("Nhap n: "); scanf\_s("%ld", &n);

if (kiemtra(n) == 0)

{

printf("Toan so chan\n");

}

else

{

printf("Toan so le\n");

}

return 0;

getch ();

}

Bài 15:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

long kiemtraso (long n)

{

long socuoi, sokecuoi, chuabien;

chuabien = n;

socuoi = chuabien % 10;

chuabien = chuabien / 10;

int flag = 1;

while (chuabien != 0)

{

sokecuoi = chuabien % 10;

chuabien = chuabien / 10;

if (sokecuoi > socuoi)

{

return 0;

break;

}

else

{

socuoi = sokecuoi;

return 1;

}

}

return 1;

}

int main ()

{

long n;

do

{

printf("Nhap n (n > 0): "); scanf\_s("%ld", &n);

}

while (n < 1);

printf("N co phai so tang dan tu trai sang phai khong?");

if (kiemtraso(n) == 0)

{

printf(" Sai\n");

}

else

{

printf(" Dung\n");

}

return 0;

getch ();

}

Bài 16:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

long checktanggiam (long n)

{

long socuoi, sokecuoi, chuabien;

chuabien = n;

socuoi = chuabien % 10;

chuabien = chuabien / 10;

while (chuabien != 0)

{

sokecuoi = chuabien % 10;

chuabien = chuabien / 10;

if (sokecuoi < socuoi)

{

return 0;

break;

}

else

{

socuoi = sokecuoi;

return 1;

}

}

return 1;

}

int main ()

{

long n;

do

{

printf("Nhap n (n > 0):"); scanf\_s("%ld", &n);

}

while (n < 1);

printf("N co phai so giam dan tu trai sang phai khong?");

if (checktanggiam(n) == 1)

printf(" Dung\n");

}

else

{

printf(" Sai\n");

}

return 0;

getch ();

}

Bài 17:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

void kiemtra (long N)

{

long s = 0;

long m = 0;

do

{

m = m + 1;

s = s + m;

}

while (s + m + 1 < N);

printf("So M lon nhat la: %ld\n", m);

}

int main ()

{

long N;

printf("Nhap N: "); scanf\_s("%ld", &N);

printf("Tinh M lon nhat sao cho: 1 + 2 + 3 + ... + m < n\n");

kiemtra(N);

return 0;

getch ();

}

Bài 18:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

void Mnhonhat (long n)

{

long m = 0;

long s = 0;

while (s < n)

{

m++;

s = s + m;

}

printf("So M nho nhat la: %ld\n", m);

}

int main ()

{

long n;

printf("Nhap n: "); scanf\_s("%ld", &n);

printf("Tinh M lon nhat sao cho: 1 + 2 + 3 + ... + m > n\n");

Mnhonhat(n);

return 0;

getch ();

}

Bài 19:

#define \_CRT\_NONSTDC\_NO\_WARNINGS

#define \_CRT\_SECURE\_NO\_WARNINGS

#include <stdio.h>

#include <conio.h>

void xuatsodao (long n)

{

long sodao = n % 10;

n = n / 10;

long socuoi;

while (n > 0)

{

socuoi = n % 10;

n = n / 10;

sodao = sodao \* 10 + socuoi;

}

printf("%ld\n", sodao);

}

int main ()

{

long n;

printf("Nhap n: "); scanf\_s("%ld", &n);

printf("So nghich dao cua %ld la: ", n);

xuatsodao(n);

return 0;

getch ();

}