1. Pseudocode secara keseluruhan

Jawab:

**Pseudocode-Pemesanan Katalog**

Katalog: record

< no : integer,

Harga : integer,

Stok : integer,

Judul [50] : char

>

katalog \*head;

katalog \*tail;

katalog \*baru;

katalog \*bantu;

Konsumen: record

< nama [50] : char,

Alamat : string,

Telpon : integer,

Total : integer,

Jdl[50] : char,

Hrg : hrg,

>

konsumen \*head1;

konsumen \*tail1;

konsumen \*baru1;

konsumen \*bantu1;

head= new katalog;;

head= NULL;

isEmpty then

if head==NULL

return 1;

else

return 0;

head1= new konsumen;

head1= NULL;

isEmpty then

if head1==NULL

return 1;

else

return 0;

Algoritma MenambahData

Kamus:

Baru = new katalog,

Deklarasi:

Read baru-> no

Read baru->judul

baru->harga

baru->stok

baru->next=baru;

if isEmpty then

head=tail=baru;

head->next=head;

tail->next=tail;

else

tail->next=baru;

tail=baru;

tail->next=head;

write “Data Masuk”

Algoritma MenampilkanHasilInputan

Kamus:

Bantu=head

Deklarasi:

If !isEmpty then

bantu=head;

write bantu->no

write bantu->judul

write bantu->harga;

write bantu->stok

bantu=bantu->next;

while bantu!=head then

write bantu->no

write bantu->judul

write bantu->harga

write bantu->stok

bantu=bantu->next;

else

write “Data kosong”

Algortima untukpemesanan

Baru = new konsumen

Deklarasi

Struct katalog

Integer int jml[]

if !isEmpty then

Read baru->nama

Read baru->alamat

baru->nomor telepon

baru->nomor katalog

if !isEmpty then

while cari != head

head baru-> judul katalog

head baru->harga katalog

head->jumlah katalog yang dipesan

baru-> total=jml\*cari->harga;

baru->harga total;

if(isEmpty1()){

head1=tail1=baru1;

head1->next=head1;

tail1->next=tail1;

else{

tail1->next=baru1;

tail1=baru1;

tail1->next=head1;

write "Data Masuk";

Algoritma datapemesanan

Bantu1 = head1

Deklarasi

Void data pemesanan

if !isEmpty then

bantu1->nama;

bantu1->alamat;

bantu1->telepon;

bantu1->judul;

bantu1->harga;

bantu1->total;

bantu1->next;

while bantu1 !=head1

repeat;

else

write ”data kosong”

Input datapemesanan

int pil, i, a;

awal:

output"\n \tPROGRAM PEMESANAN KATALOG\n";

output" ===========================\n";

output" 1. Tambah Data\n";

output" 2. Data Katalog\n";

output" 3. Pemesanan Katalog \n";

output" 4. Laporan Pemesanan katalog\n";

output" 5. exit\n";

system("cls");

output “Jumlah data yang dimasukkan: ";

input a;

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

tambahdata();

goto awal;

if(pil==2){

system("cls");

datakatalog();

goto awal;

if(pil==3){

system("cls");

pemesanan();

goto awal;

if(pil==4){

system("cls");

datapemesanan();

goto awal;

if(pil==5){

system("CLS");

output"Program Selesai";

return 0;