**Algoritma SimpanDatakeFile**

**Deklarasi**

**Type DataMhs : Record**

**< NIM,SKS : integer,**

**Nama, KodeMK: string,**

**Indeks : char**

**>**

**ArsipMhs : SeqFile of DataMhs**

**Mhs : DataMhs**

**Function Mark(input Mhs:DataMhs)🡪 boolean**

**Deskripsi**

**Open(ArsipMhs,2)**

**input (Mhs.NIM)**

**while (Mark(Mhs) <> true) do**

**input(Mhs.Nama)**

**input(Mhs.KodeMK)**

**input(Mhs.SKS)**

**input(Mhs.Indeks)**

**fwrite(ArsipMhs,Mhs)**

**input(Mhs.NIM)**

**endwhile**

**Mhs.NIM = 9999;**

**Mhs.Nama= "xxxxx"**

**Mhs.KodeMK= "xxxxx"**

**Mhs.SKS = 9**

**Mhs.Indeks = 'x'**

**fwrite(ArsipMhs,Mhs)**

**Close(ArsipMhs)**

**Algoritma TampilDatadariFile**

**Deklarasi**

**Type DataMhs : Record**

**< NIM,SKS : integer,**

**Nama, KodeMK: string,**

**Indeks : char**

**>**

**ArsipMhs : SeqFile of DataMhs**

**Mhs : DataMhs**

**Function Mark(input Mhs:DataMhs)🡪 boolean**

**Deskripsi**

**Open(ArsipMhs,1)**

**fread(ArsipMhs,Mhs)**

**if (Mark(Mhs)=true) then**

**output("Arsip kosong")**

**else**

**repeat**

**output(Mhs.NIM)**

**output(Mhs.Nama)**

**output(Mhs.KodeMK)**

**output(Mhs.SKS)**

**output(Mhs.Indeks)**

**fread(ArsipMhs,Mhs)**

**until (Mark(Mhs)=true)**

**endif**

**close(ArsipMhs)**

**Function Mark(input Mhs:DataMhs)🡪 boolean**

**Deklarasi**

***{tidak ada}***

**Deskripsi**

**return (Mhs.NIM = 9999)**