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Coding



```
D:\KULIAH\SEMESTER 2\PRAKTIKUM PK2\UAS\UAS1.cpp - Sublime Text (UNREGISTERED)
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OPEN UAS1.cpp rekamdata.cpp bacadata.cpp pengolahanfilee.c
• UAS1.cpp
x rekamdata.cpp
x bacadata.cpp
x pengolahanfilee.cpp
1 #include <iostream>
2 #include <fstream>
3 #include <conio.h>
4 #include <stdlib.h>
5 #include <iomanip>
6 #include <string.h>
7 using namespace std;
8
9 void rekamData();
10 void bacaData();
11 void infopasien();
12 struct datapasien{
13     char norm[20];
14     char nama[20];
15     char jenis_kelamin[10];
16     int tensi;
17 }pas;
18
19
20
21 main (){
22     int menu = 1;
23     while(menu<=2){
24         cout<<" ===== \n";
25         cout<<"|                MENU                | \n";
26         cout<<" ===== \n";
27         cout<<"1} Merekam Dan Menulis Data \n";
28         cout<<"2} Membaca Data File \n";
29         cout<<"3} Keluar Dari Program \n";
30         cout<<"Masukkan Inputan : " ;cin>>menu;
31         if(menu==1){
32             rekamData();
33         }
34         else{
35             if(menu==2){
36                 bacaData();
37             }
38             else{
39                 exit(1);
40             }
41         }
42     }
43 }
```

[Finished in 3.3s]

Line 62, Column 29

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```
OPEN 41 }
42 }
43 }
44
45 void rekamData(){
46     ofstream Filepas ("datap pasien.dat", ios::out); // append=menambah
47     if (!Filepas)
48     {
49         cerr<<"File tidak dapat dibuka..."<<endl;
50         exit(1);
51     }
52     char jwb='Y';
53     cout<<"Input Data diri kamu"<<endl;
54     while (jwb=='Y' || jwb=='y')
55     {
56
57         cout << endl;
58         cin.ignore();
59         cout << "NoRm   = ";
60         cin >> pas.norm;
61         cin.ignore();
62         cout << "Nama   = ";
63         gets(pas.nama);
64         cout << "Jenis Kelamin = ";
65         gets(pas.jenis_kelamin);
66         cout << "Tensi   = ";
67         cin >> pas.tensi;
68         Filepas.write((char*)&pas, sizeof(pas)); // perintah merekam data
69         cout << "Ada Data Lagi [Y/T] = "; cin >> jwb;
70     }
71     Filepas.close();
72 }
73 void bacaData(){
74     ifstream pasFile ("datap pasien.dat", ios::in);
75     if (!pasFile)
76     {
77         cerr<<"File could not be opened"<<endl;
78         exit(1);
79     }
80     cout<<"-----|"<<endl;
81     cout << setiosflags(ios::left)<<setw(5)<<"No. "
```

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```
OPEN 80 cout << setiosflags(ios::left)<<setw(5)<<"No. "
81 <<setw(21)<<"| NO RM |"
82 <<setw(21)<<"| NAMA PASIEN |"
83 <<setw(27)<<"| JENIS KELAMIN |"
84 <<setw(20)<<"| TENSI |"
85 <<setw(5)<<"| KETERANGAN "<<endl;
86 cout<<"-----|"<<endl;
87 pasFile.read((char *)&pas,sizeof(pas));
88 while (!pasFile.eof())
89 {
90     infopasien();
91     pasFile.read((char*)&pas, sizeof(pas));
92 }
93 cout<<"-----|"<<endl;
94 pasFile.close();
95 }
96
97 int no=0;
98 char pre[18];
99 void infopasien()
100 {
101     no++;
102     if (pas.tensi <=120)
103         strcpy(pre,"NORMAL");
104     else
105         if (pas.tensi>=121<=139)
106             strcpy(pre,"PREHIPERTENSI");
107     else
108         if (pas.tensi >=140)
109             strcpy(pre,"PREHIPERTENSI");
110     else
111         strcpy(pre," ");
112     cout << setiosflags(ios::left)<<no<<setw(7)<< " . "
113     <<setw(21)<<pas.norm
114     <<setw(25)<<pas.nama
115     <<setw(23)<<pas.jenis_kelamin
116     <<setw(13)<<pas.tensi
117     << setw(17)<<pre<<endl;
118 }
119 }
```

Output

```
C:\Windows\system32\cmd.exe - UAS1

D:\KULIAH\SEMESTER 2\PRAKTIKUM PK2\UAS>UAS1
=====
|           MENU           |
=====
1} Merekam Dan Menulis Data
2} Membaca Data File
3} Keluar Dari Program
Masukkan Inputan : 1
Input Data diri kamu

NoRm    = 1
Nama    = Ivan
Jenis Kelamin  = Laki Laki
Tensi   = 120
Ada Data Lagi [Y/T] = y

NoRm    = 2
Nama    = Andri
Jenis Kelamin  = Laki Laki
Tensi   = 80
Ada Data Lagi [Y/T] = t
=====
|           MENU           |
=====
1} Merekam Dan Menulis Data
2} Membaca Data File
3} Keluar Dari Program
Masukkan Inputan : 2
-----|-----|-----|-----|-----|
No.  | NO RM |      NAMA PASIEN |      JENIS KELAMIN |      TENSI |      KETERANGAN |
-----|-----|-----|-----|-----|-----|
1.   | 1     |      Ivan       |      Laki Laki     |      120   |      NORMAL     |
2.   | 2     |      Andri      |      Laki Laki     |      80    |      NORMAL     |
-----|-----|-----|-----|-----|-----|

=====
|           MENU           |
=====
1} Merekam Dan Menulis Data
2} Membaca Data File
3} Keluar Dari Program
Masukkan Inputan :
```