

Problem Statement: Implementation of Data Search in Time Table

```
#include<iostream>
```

```
#include<string.h>
```

```
#include<ctime>
```

```
#include<cstring>
```

```
Using namespace std;
```

```
Class secb
```

```
{
```

```
Int Time[7];
```

```
Char Monday[ ], Tuesday[ ], Wednesday[ ], Thursday[ ], Friday[ ], Saturday[ ];
```

```
Public:
```

```
Void display ()
```

```
{
```

```
Int Time[7] = {9,10,11,12,2,3,4};
```

```
Char Monday[7][10] = {"oops", "co", "mp", "co", "maths", "free", "free"};
```

```
Char Tuesday[7][10] = {"maths", "mp", "co", "oops", "life skill", "life skill", "life skill"};
```

```
Char Wednesday[7][10] = {"lab", "lab", "lab", "lab", "tutorial", "maths", "free"};
```

```
Char Thursday[7][10] = {"mp", "maths", "oops", "co", "lab", "lab", "lab"};
```

```
Char Friday[7][10] = {"maths", "mp", "oops", "free", "free", "free", "free"};
```

```
Char Saturday[7][10] = {"maths", "project", "project", "project", "maths", "project", "project"};
```

```
Int time (int var1);
```

DATA SEARCH IN TIMETABLE

```
Int var1, var2, var3;
```

```
cout<<" enter the time" <<endl;
```

```
cin>>var1;
```

```
Char day[15];
```

```
If(var1==Time[0])
```

```
{
```

```
cout<<" enter the day" <<endl;
```

```
cin>>day;
```

```
var2=strlen(day);
```

```
If(strlen(day)==6)
```

```
{
```

```
if(day[1] == 'o')
```

```
{
```

```
cout<<Monday[0]<<"-“<<"faculty is Prakruthi mam”<<”/”<<" substitute is Rafeega  
mam” <<endl;
```

```
cout<<"Next hour is"<<Monday[1]<<"-“<<"faculty is Shwetha mam”<<”/”<<"substitute  
is Subramanya sir”<<endl;
```

```
}
```

```
Else
```

```
{
```

```
Cout<<Friday[0] << “-“<<"faculty is Subramanya sir”<<”/”<<"substitute is Prakruthi  
mam”<<endl;
```

```
Cout<<" Next hour is"<<Friday[1]<<"-“<<" faculty is Rafeega mam”<<”/”<<"substitute  
is Shwetha mam”<<endl;
```

DATA SEARCH IN TIMETABLE

```
}  
  
}  
  
if(strlen(day)==7)  
{  
  
    Cout<<Tuesday[0]<<"- "<<"faculty is Subramanya sir"<<"/"<<"substitute is Prkruthi  
    mam"<<endl;  
  
    Cout<<"Next hour is"<<Tuesday[1]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute  
    is Shwetha mam"<<endl;  
  
}  
  
If(strlen(day)==9)  
{  
  
    Cout<<Wednesday[0]<<endl;  
  
    Cout<<"Next hour is"<<Wednesday[1]<<endl;  
  
}  
  
If(strlen(day)==8)  
{  
  
    if(day[1]=='h')  
    {  
  
        cout<<Thursday[0]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Shwetha  
        mam"<<endl;  
  
        cout<<"Next hour is"<<Thursday[1]<<"- "<<"faculty is Subramanya  
        sir"<<"/"<<"substitute is Rafeega mam"<<endl;  
  
    }  
  
    else
```

```
{  
  
cout<<Saturday[0]<<"- "<<"faculty is Subramanya sir"<<"/"<<"substitute is Shwetha  
mam"<<endl;  
  
cout<<"Next hour is"<<Saturday[1]<<endl;  
  
}  
  
}  
  
}  
  
if(var1==Time[1])  
  
{  
  
cout<<"enter the day"<<endl;  
  
cin>>day;  
  
var2=strlen(day);  
  
if(strlen(day)==6)  
  
{  
  
if(day[1]=='o')  
  
{  
  
cout<<Monday[1]<<"- "<<"faculty is Shwetha mam"<<"/"<<" substitute is Subramanya  
sir" <<endl;  
  
cout<<"Next hour is"<<Monday[2]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute  
is Prakruthi mam"<<endl;  
  
}  
  
else  
  
{
```

DATA SEARCH IN TIMETABLE

```
cout<<Friday[1]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Shwetha mam"<<endl;
```

```
cout<<"Next hour is"<<Friday[2]<<"- "<<"faculty is Prkruthi mam"<<"/"<<"substitute is Rafeega mam"<<endl;
```

```
}
```

```
}
```

```
if(strlen(day)==7)
```

```
{
```

```
cout<<Tuesday[1]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Shwetha mam"<<endl;
```

```
cout<<"Next hour is"<<Tuesday[2]<<"- "<<"faculty is Shwetha mam"<<"/"<<"substitute is Subramanya sir"<<endl;
```

```
}
```

```
if(strlen(day)==9)
```

```
{
```

```
cout<<Wednesday[1]<<endl;
```

```
cout<<"Next hour is"<<Wednesday[2]<<endl;
```

```
}
```

```
if(strlen(day)==8)
```

```
{
```

```
if(day[1]=='h')
```

```
{
```

```
cout<<Thursday[1]<<"- "<<"faculty is Subramanya sir"<<"/"<<"substitute is Rafeega mam"<<endl;
```

DATA SEARCH IN TIMETABLE

```
cout<<"Next      hour      is"<<Thursday[2]<<"- "<<"faculty      is      Prakruthi
mam"<<"/"<<"substitute is Subramanya sir"<<endl;

}

else

{

cout<<Saturday[1]<<endl;

cout<<"Next hour is"<<Saturday[2]<<endl;

}

}

}

if(var1==Time[2])

{

cout<<"enter the day"<<endl;

cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')

{

cout<<Monday[2]<<"- "<<"faculty is Rafeega mam"<<"/"<<" substitute is Prakruthi
mam" <<endl;

cout<<"Next hour is"<<Monday[3]<<"- "<<"faculty is Shwetha mam"<<"/"<<"substitute
is Subramanya sir"<<endl;
```

```
}

else

{

cout<<Friday[2]<<"- "<<"faculty is Prakruthi mam"<<"/"<<"substitute is Rafeega
mam"<<endl;

cout<<"Next hour is"<<Friday[3]<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[2]<<"- "<<"faculty is Shwetha mam"<<"/"<<"substitute is Subramanya
sir"<<endl;

cout<<"Next hour is"<<Tuesday[3]<<"- "<<"faculty is Prakruthi
mam"<<"/"<<"substitute is Rafeega mam"<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[2]<<endl;

cout<<"Next hour is"<<Wednesday[3]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')
```

```
{  
  
cout<<Thursday[2]<<"- "<<"faculty is Prakruthi mam"<<"/"<<"substitute is Subramanya  
sir"<<endl;  
  
cout<<"Next      hour      is"<<Thursday[3]<<"- "<<"faculty      is      Shwetha  
mam"<<"/"<<"substitute is Prakruthi mam"<<endl;  
  
}  
  
else  
  
{  
  
cout<<Saturday[2]<<endl;  
  
cout<<"Next hour is"<<Saturday[3]<<endl;  
  
}  
  
}  
  
}  
  
if(var1==Time[3])  
  
{  
  
cout<<"enter the day"<<endl;  
  
cin>>day;  
  
var2=strlen(day);  
  
if(strlen(day)==6)  
  
{  
  
if(day[1]=='o')  
  
{
```


DATA SEARCH IN TIMETABLE

```
cout<<Monday[3]<<"- "<<"faculty is Shwetha mam"<<"/"<<" substitute is Subramanya  
sir" <<endl;
```

```
cout<<"Next hour is"<<Monday[4]<<"- "<<"faculty is Subramanya  
sir"<<"/"<<"Substitute is Prakruthi mam"<<endl;
```

```
}
```

```
else
```

```
{
```

```
cout<<Friday[3]<<endl;
```

```
cout<<" Next hour is" <<Friday[4]<<<endl;
```

```
}
```

```
}
```

```
if(strlen(day)==7)
```

```
{
```

```
cout<<Tuesday[3]<<"- "<<"faculty is Prakruthi mam"<<"/"<<"substitute is Rafeega  
mam"<<endl;
```

```
cout<<"Next hour is"<<Tuesday[4]<<"- "<<"faculty is Swathi mam"<<endl;
```

```
}
```

```
if(strlen(day)==9)
```

```
{
```

```
cout<<Wednesday[3]<<endl;
```

```
cout<<"Next hour is"<<Wednesday[4]<<endl;
```

```
}
```

```
if(strlen(day)==8)
```

DATA SEARCH IN TIMETABLE

```
{  
  
if(day[1]=='h')  
  
{  
  
cout<<Thursday[3]<<"- "<<"faculty is Shwetha mam"<<"/"<<"substitute is Prkruthi  
mam"<<endl;  
  
cout<<"Next hour is"<<Thursday[4]<<endl;  
  
}  
  
else  
  
{  
  
cout<<Saturday[3]<<endl;  
  
cout<<"Next hour is"<<Saturday[4]<<"- "<<"faculty is Subramanya  
sir"<<"/"<<"substitute is Prkruthi mam"<<endl;  
  
}  
  
}  
  
}  
  
if(var1==Time[4])  
  
{  
  
cout<<"enter the day"<<endl;  
  
cin>>day;  
  
var2=strlen(day);  
  
if(strlen(day)==6)  
  
{  
  
if(day[1]=='o')
```

```
{

cout<<Monday[4]<<"- "<<"faculty is Subramanya sir"<<"/"<<" substitute is Prakruthi
mam" <<endl;

cout<<"Next hour is"<<Monday[5]<<endl;

}

else

{

cout<<Friday[4]<<endl;

cout<<" Next hour is" <<Friday[5]<<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[4]<<"- "<<"faculty is Swathi mam"<<endl;

cout<<"Next hour is"<<Tuesday[5]<<"- "<<"faculty is Swathi mam"<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[4]<<endl;

cout<<"Next    hour    is"<<Wednesday[5]<<"- "<<"faculty    is    Subramanya
sir"<<"/"<<"substitute is Shwetha mam"<<endl;

}

if(strlen(day)==8)
```

```
{  
  
if(day[1]=='h')  
  
{  
  
cout<<Thursday[4]<<"- "<<"faculty is Shwetha mam"<<endl;  
  
cout<<"Next hour is"<<Thursday[5]<<endl;  
  
}  
  
else  
  
{  
  
cout<<Saturday[4] <<"- "<<"faculty is Subramanya sir"<<"/ "<<"substitute is Prakruthi  
mam"<<endl;  
  
cout<<"Next hour is"<<Saturday[5]<<endl;  
  
}  
  
}  
  
}  
  
if(var1==Time[5])  
  
{  
  
cout<<"enter the day"<<endl;  
  
cin>>day;  
  
var2=strlen(day);  
  
if(strlen(day)==6)  
  
{  
  
if(day[1]=='o')  
  
{
```

DATA SEARCH IN TIMETABLE

```
cout<<Monday[5]<<endl;

cout<<"Next hour is"<<Monday[6]<<endl;

}

else

{

cout<<Friday[5]<<endl;

cout<<" Next hour is" <<Friday[6]<<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[5]<<"- "<<"faculty is Swathi mam"<<endl;

cout<<"Next hour is"<<Tuesday[6]<<"- "<<"faculty is Swathi mam"<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[5]<<"- "<<"faculty is Subramanya sir"<<"/"<<"substitute is Shwetha mam"<<endl;

cout<<"Next hour is"<<Wednesday[6]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')
```

```
cout{

cout<<Thursday[5]<<endl;

cout<<"Next hour is"<<Thursday[6]<<endl;

}

else

{

cout<<Saturday[5] <<endl;

cout<<"Next hour is"<<Saturday[6]<<endl;

}

}

}

if(var1==Time[6])

{

cout<<"enter the day"<<endl;

cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')

{

<<Monday[6]<<endl;

}

}
```

```
else

{

cout<<Friday[6]<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[6]<<"- "<<"faculty is Swathi mam"<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[6]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')

{

cout<<Thursday[6]<<"- "<<"faculty is Shwetha mam"<<endl;

}

}

else

{

cout<<Saturday[6] <<endl;
```

DATA SEARCH IN TIMETABLE

```
}

}

}

void freeb( )

{

cout<<"\nday"<<"          "<<"Time"<<endl;

cout<<"* Monday"<<"          "<<"at 3pm and 4pm"<<endl;

cout<<"* Wednesday"<<"          "<<"at 4pm"<<endl;

cout<<"* Friday"<<"          "<<"at 2pm, 3pm, and 4pm"<<endl;

}

};

class seca( )

{

{

int Time[7];

char Monday[ ], Tuesday[ ], Wednesday[ ], Thursday[ ], Friday[ ], Saturday[ ];

public:

void display( )

{

int Time[7]={9,10,11,12,2,3,4};

char Monday[7][10]={“life skill”, ”life skill”, “life skill”, “oops”, “lab”, “lab”, “lab”};

char Tuesday[7][10]={“maths”, “co”, “oops”, “mp”, “maths”, “free”, ”free”};
```


DATA SEARCH IN TIMETABLE

```
char Wednesday[7][10]={“oops”, “mp”, “co”, “maths”, ”tutorial”, ”library”, “free”};

char Thursday[7][10]={“oops”, “mp”, “maths”, “mp”, “project”, “project”, “project”};

char Friday[7][10]={“lab”, “lab”, “lab”, “lab”, “maths”, “project”, ” project”};

char Saturday[7][10]={“mp”, “co”, “maths”, “mentoring”, “mp”, “maths”, “co”};

int time(int var1);

int var1, var2, var3;

cout<<”enter the time”<<endl;

cin>>var1;

char day[15];

if(var1==Time[0])

{

cout<<”enter the day”<<endl;

cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]==’o’)

{

cout<<Monday[0]<<”-“<<”faculty is Sunitha mam”<<endl;

cout<<”Next hour is”<<Monday[1]<<endl;

}

else
```

DATA SEARCH IN TIMETABLE

```
{  
  
cout<<Friday[0]<<endl;  
  
cout<<"Next hour is"<<Friday[1]<<endl;  
  
}  
  
}  
  
if(strlen(day)==7)  
  
{  
  
cout<<Tuesday[0]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Swathi  
mam"<<endl;  
  
cout<<"Next hour is"<<Tuesday[1]<<"- "<<"faculty is Vikas sir"<<"/ "<<"substitute is  
Kavitha mam"<<endl;  
  
}  
  
if(strlen(day)==9)  
  
{  
  
cout<<Wednesday[0]<<"- "<<"faculty is Swathi mam"<<"/ "<<"substitute is Rafeega  
mam"<<endl;  
  
cout<<"Next hour is"<<Wednesday[1]<<"- "<<"faculty is Rafeega  
mam"<<"/ "<<"substitute is Kavitha mam"<<endl;  
  
}  
  
if(strlen(day)==8)  
  
{  
  
if(day[1]=='h')  
  
{
```

DATA SEARCH IN TIMETABLE

```
cout<<Thursday[0]<<"- "<<"faculty is Swathi mam"<<"/"<<"substitute is Vikas sir"<<endl;
```

```
cout<<"Next hour is"<<Thursday[1]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Vikas sir"<<endl;
```

```
}
```

```
else
```

```
{
```

```
cout<<Saturday[0]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Swathi mam"<<endl;
```

```
cout<<"Next hour is"<<Saturday[1]<<"- "<<"faculty is Vikas sir"<<"/"<<"substitute is Kavitha mam"<<endl;
```

```
}
```

```
}
```

```
}
```

```
if(var1==Time[1])
```

```
{
```

```
cout<<"enter the day"<<endl;
```

```
cin>>day;
```

```
var2=strlen(day);
```

```
if(strlen(day)==6)
```

```
{
```

```
if(day[1]=='o')
```

```
{
```

```
cout<<Monday[1]<<"- "<<"faculty is Sunitha mam"<<endl;
```

DATA SEARCH IN TIMETABLE

```
cout<<"Next hour is"<<Monday[2]<<endl;

}

else

{

cout<<Friday[1]<<endl;

cout<<"Next hour is"<<Friday[2]<<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[1]<<"- "<<"faculty is Vikas sir"<<"/"<<"substitute is Kavitha mam"<<endl;

cout<<"Next hour is"<<Tuesday[2]<<"- "<<"faculty is Swathi mam"<<"/"<<"substitute is Rafeega mam"<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[1]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Kavitha mam"<<endl;

cout<<"Next hour is"<<Wednesday[2]<<"- "<<"faculty is Vikas sir"<<"/"<<"substitute is Swathi mam"<<endl;

}

if(strlen(day)==8)

{
```

DATA SEARCH IN TIMETABLE

```
if(day[1]=='h')

{

cout<<Thursday[1]<<"- "<<"faculty is rafeega mam"<<"/"<<"substitute is Vikas
sir"<<endl;

cout<<"Next hour is"<<Thursday[2]<<"- "<<"faculty is Kavitha
mam"<<"/"<<"substitute is Swathi mam"<<endl;

}

else

{

cout<<Saturday[1]<<"- "<<"faculty is Vikas sir"<<"/"<<"substitute is Kavitha
mam"<<endl;

cout<<"Next hour is"<<Saturday[2]<<"- "<<"faculty is Kavitha mam"<<"/"<<"substitute
is Vikas sir"<<endl;

}

}

}

if(var1==Time[2])

{

cout<<"enter the day"<<endl;

cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')
```

```
{  
  
cout<<Monday[2]<<"- "<<"faculty is Sunitha mam"<<endl;  
  
cout<<"Next hour is"<<Monday[3]<<"- "<<"faculty is Swathi mam"<<"/ "<<"substitute  
is Kavitha mam"<<endl;  
  
}  
  
else  
  
{  
  
cout<<Friday[2]<<endl;  
  
cout<<"Next hour is"<<Friday[3]<<<endl;  
  
}  
  
}  
  
if(strlen(day)==7)  
  
{  
  
cout<<Tuesday[2]<<"- "<<"faculty is Swathi mam"<<"/ "<<"substitute is Rafeega  
mam"<<endl;  
  
cout<<"Next hour is"<<Tuesday[3]<<"- "<<"faculty is Rafeega mam"<<"/ "<<"substitute  
is Vikas sir"<<endl;  
  
}  
  
if(strlen(day)==9)  
  
{  
  
cout<<Wednesday[2]<<"- "<<"faculty is Vikas sir"<<"/ "<<"substitute is Swathi  
mam"<<endl;  
  
cout<<"Next hour is"<<Wednesday[3]<<"- "<<"faculty is Kavitha  
mam"<<"/ "<<"substitute is Vikas sir"<<endl;  

```

```
}

if(strlen(day)==8)

{

if(day[1]=='h')

{

cout<<Thursday[2]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Swathi
mam"<<endl;

cout<<"Next hour is"<<Thursday[3]<<"- "<<"faculty is Rafeega
mam"<<"/ "<<"substitute is Kavitha mam"<<endl;

}

else

{

cout<<Saturday[2]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Vikas
sir"<<endl;

cout<<"Next hour is"<<Saturday[3]<<endl;

}

}

}

if(var1==Time[3])

{

cout<<"enter the day"<<endl;

cin>>day;

var2=strlen(day);
```

```
if(strlen(day)==6)

{

if(day[1]=='o')

{

cout<<Monday[3]<<"- "<<"faculty is Swathi mam"<<endl;

cout<<"Next hour is"<<Monday[4]<<endl;

}

else

{

cout<<Friday[3]<<endl;

cout<<"Next hour is"<<Friday[4]<<"- "<<"faculty is Kavitha mam"<<"/"<<"substitute is Rafeega mam"<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[3]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Vikas sir"<<endl;

cout<<"Next hour is"<<Tuesday[4]<<"- "<<"faculty is Kavitha mam"<<"/"<<"substitute is Vikas sir"<<endl;

}

if(strlen(day)==9)

{
```


DATA SEARCH IN TIMETABLE

```
cout<<Wednesday[3]<<"- "<<"faculty is Kavitha mam"<<"/"<<"substitute is Vikas
sir"<<endl;

cout<<"Next hour is"<<Wednesday[4]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')

{

cout<<Thursday[3]<<"- "<<"faculty is rafeega mam"<<"/"<<"substitute is Kavitha
mam"<<endl;

cout<<"Next hour is"<<Thursday[4]<<endl;

}

else

{

cout<<Saturday[3]<<endl;

cout<<"Next hour is"<<Saturday[4]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute
is Swathi mam"<<endl;

}

}

}

if(var1==Time[4])

{

cout<<"enter the day"<<endl;
```

DATA SEARCH IN TIMETABLE

```
cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')

{

cout<<Monday[4]<<endl;

cout<<"Next hour is"<<Monday[5]<<endl;

}

else

{

cout<<Friday[4]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Rafeega mam"<<endl;

cout<<"Next hour is"<<Friday[5]<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[4]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Vikas sir"<<endl;

cout<<"Next hour is"<<Tuesday[5]<<endl;

}

if(strlen(day)==9)
```

DATA SEARCH IN TIMETABLE

```
{

cout<<Wednesday[4]<<endl;

cout<<"Next hour is"<<Wednesday[5]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')

{

cout<<Thursday[4]<<endl;

cout<<"Next hour is"<<Thursday[5]<<endl;

}

else

{

cout<<Saturday[4]<<"- "<<"faculty is Rafeega mam"<<"/"<<"substitute is Swathi
mam"<<endl;

cout<<"Next hour is"<<Saturday[5]<<"- "<<"faculty is Kavitha mam"<<"/"<<"substitute
is Vikas sir"<<endl;

}

}

}

if(var1==Time[5])

{

cout<<"enter the day"<<endl;
```

```
cin>>day;

var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')

{

cout<<Monday[5]<<endl;

cout<<"Next hour is"<<Monday[6]<<endl;

}

else

{

cout<<Friday[5]<<endl;

cout<<"Next hour is"<<Friday[6]<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[5]<<endl;

cout<<"Next hour is"<<Tuesday[6]<<endl;

}

if(strlen(day)==9)
```

DATA SEARCH IN TIMETABLE

```
cout<<Wednesday[5]<<endl;

cout<<"Next hour is"<<Wednesday[6]<<endl;

}

if(strlen(day)==8)

{

if(day[1]=='h')

{

cout<<Thursday[5]<<endl;

cout<<"Next hour is"<<Thursday[6]<<endl;

}

else

{

cout<<Saturday[5]<<"- "<<"faculty is Kavitha mam"<<"/ "<<"substitute is Vikas sir"<<endl;

cout<<"Next hour is"<<Saturday[6]<<"- "<<"faculty is Vikas sir"<<"/ "<<"substitute is Kavitha mam"<<endl;

}

}

}

if(var1==Time[6])

{

cout<<"enter the day"<<endl;

cin>>day;
```

DATA SEARCH IN TIMETABLE

```
var2=strlen(day);

if(strlen(day)==6)

{

if(day[1]=='o')

{

cout<<Monday[6]<<endl;

}

else

{

cout<<Friday[6]<<endl;

}

}

if(strlen(day)==7)

{

cout<<Tuesday[6]<<endl;

}

if(strlen(day)==9)

{

cout<<Wednesday[6]<<endl;

}

if(strlen(day)==8)

{
```

DATA SEARCH IN TIMETABLE

```
if(day[1]=='h')

{

cout<<Thursday[6]<<endl;

}

else

{

cout<<Saturday[6] <<"- "<<"faculty is Vikas sir"<<"/"<<"substitute is Kavitha
mam"<<endl;

}

}

}

void freea( )

{

{

cout<<"\nday"<<"          "<<"Time"<<endl;

cout<<"* Tuesday"<<"          "<<"at 3pm and 4pm"<<endl;

cout<<"* Wednesday"<<"        "<<"at 4pm"<<endl;

}

};

int main( )

{

secb ob1;

seca ob2;
```

```
char sec;

cout<<"enter the section"<<endl;

cin>>sec;

if(sec=='B')

{

cout<<"Room no. r is 519"<<endl;

ob1.displayb();

cout<<"\nfree hours of section B"<<endl;

ob1.freeb( );

}

else

{

cout<<"Room no. r is 506"<<endl;

ob2.displaya();

cout<<"free hours of section A"<<endl;

ob2.freea( );

}

return 0;

}
```