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Notepad

Code Id	43
Date Updated	11/7/2010
Title	Notepad
Description	

Simple Note pad application

Codes Snippet

```

/*Title: Notepad*/
/*This is simple Note pad application*/

#include
#include
#include // for various functions of strings like gets or puts
#include // for files
#include
#include
#include
void starting();
void typing();
void openfile(char *);
void newfile(char *);
void print(char i[],int x,int y);

char ch ;
char s[20];
char xs[20];
char ys[20];

void main()
{
    clrscr();
    textmode(BW40);
    print(" MY NOTEPAD ",3,14);
    print(" Presented",6,14);
    print(" By ",7,17);
    print(" Zahid Ashfaq",8,13);

    textmode(BW80);
    starting();
    typing();
    getch();
}

void starting()
{
    textcolor(1);
    textbackground(WHITE);

    clrscr();
    for(int i=0 ;i<45;i++)
    {
        if(i==0||i==44)
            cout<<"||";
        else if(i==4)
            cout<<" ctrl+O(Open file)";
        else if(i==24)
            cout<<" ctrl+n(New file)";
        else
            cout<<"=";
    }
    gotoxy(80,24);
    cout<<endl;
    for( i=0 ;i<37;i++)
    {
        if(i==0||i==47)
            cout<<"||";
        else if(i==4)
            cout<<" ctrl+s(save file)";
    }
}

```

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```

int i=0;
char *p=new char[2000];
step1 : int row=2 ,col=1;
while(ch!=19)
{
    gotoxy(col,row);
    step2: if(col==79)
        {
            col=1;row++;
        }
    else if (row==24)
        goto step1;
    int a;
    ch=getch();
    if(ch == 0)
    ch = getch();
    a=ch; // To convert character to its ascii code
    switch(a)
    {
        case 13 :
            row=row++;col=1;          // case for
            gotoxy(col,row);
            ch='n';
            break;

        case 8 :
            if(col==1)                // case for
            {
                row--;col=78;
            }
            else
            {
                col--;
                cout<<" ";
                i--;
            }
            continue;

        case 9 :
            col=col+8;                // case for
            if(col>79)
            {
                row++;col=col-79;
            }
            continue;

        case 72 :
            row--;                    //upper arrow
            continue;

        case 77 :
            col++;
            continue;                //right arrow key

        case 75 :
            col--;
            continue;                //left arrow key

        case 80 :
            row++;                    //down arrow
            continue;

        case 14 :
            clrscr();                //to creat new fi
            cout<<"Enter File`s Path ";
            gets(s);
            newfile(s);
            starting();
            break;

        case 15 :
            clrscr();                //to open existing fi
            cout<<"Enter file`s path to be op
            gets(xs);
            starting();
            openfile(xs);
            continue;

        case 11 :

```

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```

        {
            gotoxy(10,za);
            cout<<"| "<<endl;
            za++;
        }
        za=10;
        for( i=0;i<46 ;i++ )
        {
            gotoxy(za,21);
            cout<<"=";
            za++;
        }
        za=6;
        for(i=0;i<15;i++)
        {
            gotoxy(56,za);
            cout<<"| "<<endl;
            za++;
        }
        gotoxy(13,6);
        cout<<" 1-To Open File Pr";
        gotoxy(13,8);
        cout<<" 2-To create New F";
        gotoxy(13,10);
        cout<<" 3-Move Arrow keys";
        gotoxy(13,12);
        cout<<" 4-Back Space ";
        gotoxy(13,14);
        cout<<" 5-Save File(ctrl+";
        gotoxy(13,16);
        cout<<" 6-Enter For new l";
        gotoxy(13,18);
        cout<<" 7-Enter ctrl+q(Qu";

        gotoxy(13,20);
        cout<<"Press any key to G";

        getch();
        clrscr();
        starting();
        continue;

        case 17 :

            clrscr();
            gotoxy(24,6);
            cout<<"Thank You For usin";
            cout<<endl;
            gotoxy(24,8);
            cout<<"Have A NIce Time ";
            getch();
            exit(0);

        }
        cout<<ch;
        p[i]=ch;
        col++;
        i++;

        p[i]='\0';
    }
    clrscr();
    cout<<"enter path where you want to save the file ";
    gets(ys);
    int j=0;
    ofstream f1(ys,ios::out);
    while(p[j]!='\0')
    {
        f1.write((char*)&p[j],sizeof(p[j]));
        j++;
    }
    f1.close();
    delete [] p;
    exit(0);
}

void newfile(char *s)
{
    ofstream file(s,ios::out);
    file.close();
}

```

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```
----- C++ Code Snippet -----  
{  
    char far* ptr=(char far*) 0xB8000000+(160*x)+(2*y) ;  
    for(int a=0; i[a]!=''; a++)  
    {  
        *ptr=i[a];  
        *(ptr+1)=16;  
        ptr=ptr+2;  
        delay(250);  
    }  
    ptr=ptr+2;  
}
```