Lab 2 – Use the Windows form elements according to you domain and demonstrate it.

Code –

Form1.cs –

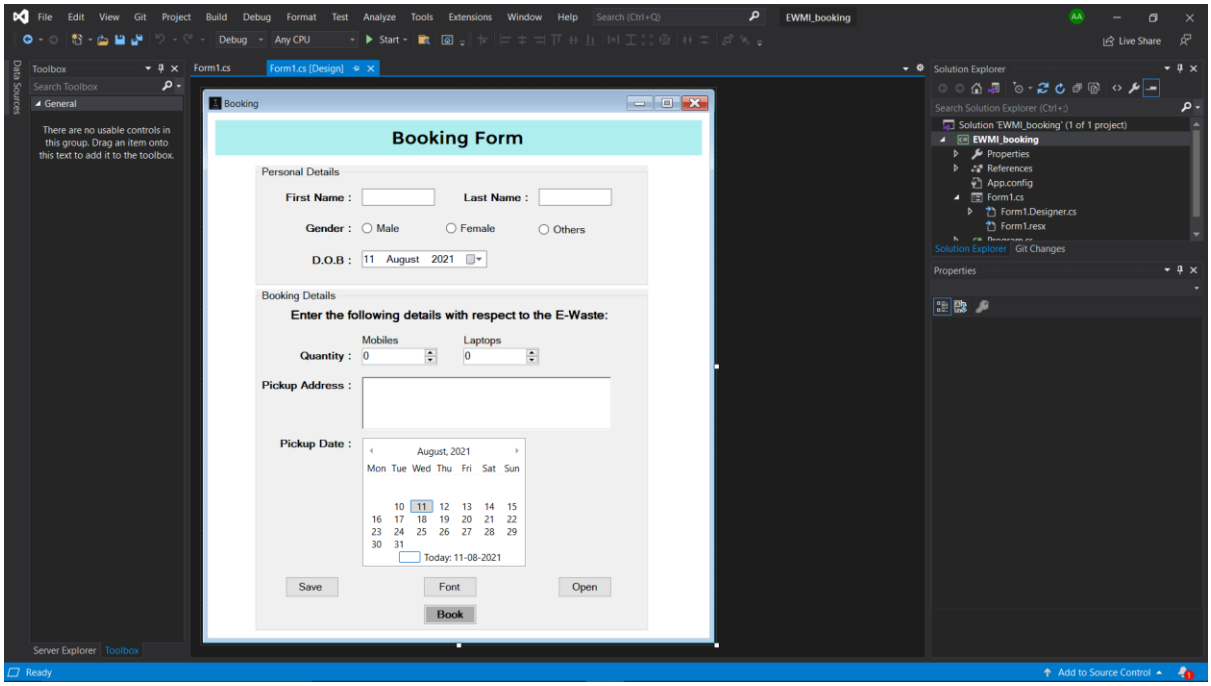
```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace EWMI_booking
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        string date = "";

        private void button4_Click(object sender, EventArgs e)
        {
            int flag = 0;

            string name = "";

            string first = textBox1.Text;
            string second = " " + textBox2.Text;

            if (first == "")
            {
                flag = 1;
                MessageBox.Show("Please enter your name !!!");
                textBox1.Focus();
            }

            name = first + second;

            string gender = "";

            if (radioButton1.Checked == true)
            {
                gender = radioButton1.Text;
            }
            else if (radioButton2.Checked == true)
            {
                gender = radioButton2.Text;
            }
            else if (radioButton3.Checked == true)
            {
                gender = radioButton3.Text;
            }
```

```
if (gender == "")
{
    flag = 1;
    MessageBox.Show("Please enter your gender !!!");

}

string dob = dateTimePicker1.Value.ToLongDateString();

if (dob == DateTime.Today.ToLongDateString())
{
    flag = 1;
    MessageBox.Show("Please select your birth date!!!");
    dateTimePicker1.Focus();
}

string no_of_mob = "";
string no_of_lap = "";

no_of_mob = numericUpDown1.Value.ToString();
no_of_lap = numericUpDown2.Value.ToString();

if(no_of_lap == "0" || no_of_mob == "0")
{
    flag = 1;
    MessageBox.Show("Please select atleast 1 as quantity !!!");
    numericUpDown1.Focus();
}

string add = richTextBox1.Text;

if (add == "")
{
    flag = 1;
    MessageBox.Show("Please enter the Pickup Address !!!");
    richTextBox1.Focus();
}

if (date == "")
{
    flag = 1;
    MessageBox.Show("Please enter the Pickup date !!!");
    monthCalendar1.Focus();
}



string result;

result = " Customer name : " + name + "\n" +
        " Gender : " + gender + "\n" +
        " Date of birth : " + dob + "\n\n" +
        " Deposit Quantity - \n " +
        " Mobiles : " + no_of_mob + "\n" +
        "  Laptops : " + no_of_lap + "\n\n" +
        "  Pickup Address : " + add + "\n" +
        "  Pickup Date : " + date;

if(flag == 0 )
{
    MessageBox.Show(result, "Booking Information");
}
```

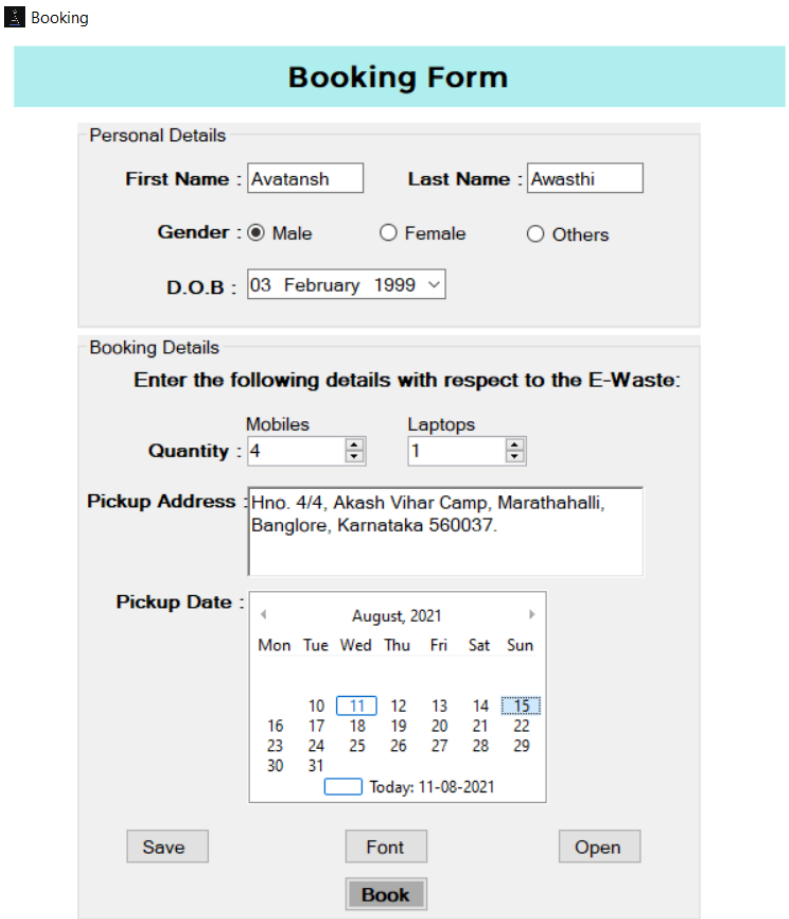
```
        }

        private void monthCalendar1_DateChanged(object sender, DateRangeEventArgs e)
        {
            date = monthCalendar1.SelectionStart.ToLongDateString();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            FontDialog fd = new FontDialog();

            if (fd.ShowDialog() == System.Windows.Forms.DialogResult.OK)
            {
                richTextBox1.Font = fd.Font;
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            OpenFileDialog ofd = new OpenFileDialog();

            if (ofd.ShowDialog() == System.Windows.Forms.DialogResult.OK)
            {
                string file = ofd.FileName;
                MessageBox.Show("File to be opened is :" + file);
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            SaveFileDialog sfd = new SaveFileDialog();

            if (sfd.ShowDialog() == System.Windows.Forms.DialogResult.OK)
            {
                string file = sfd.FileName;
                MessageBox.Show("File to be saved is :" + file);
            }
        }
    }
}
```

Screenshots of the Output –

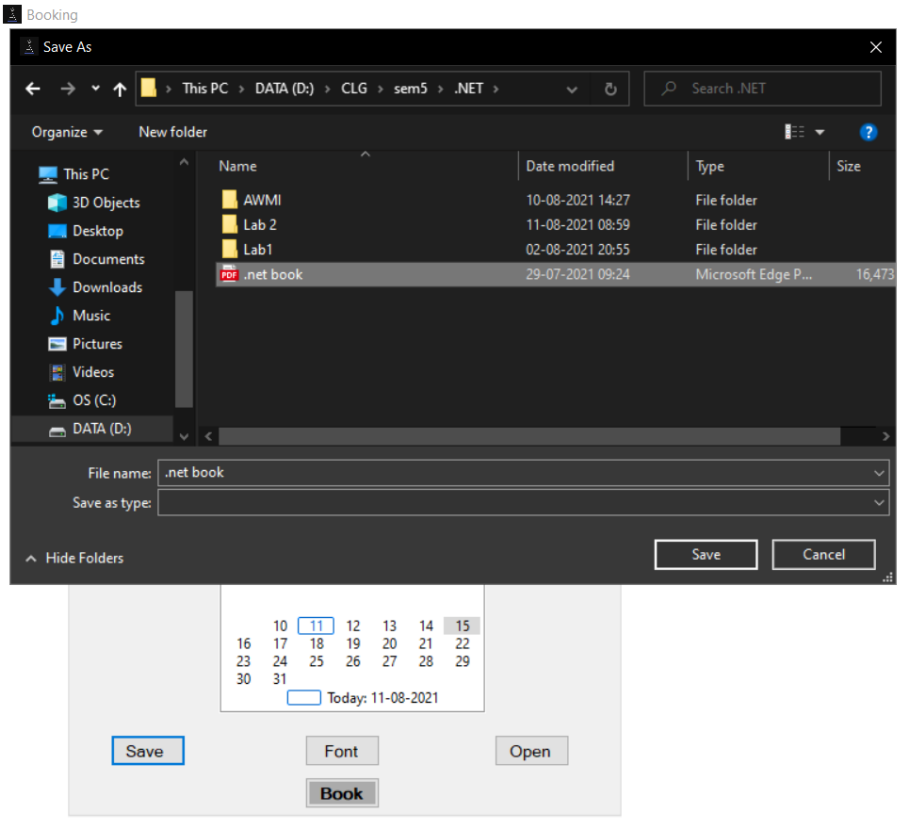
A) Expected output screen



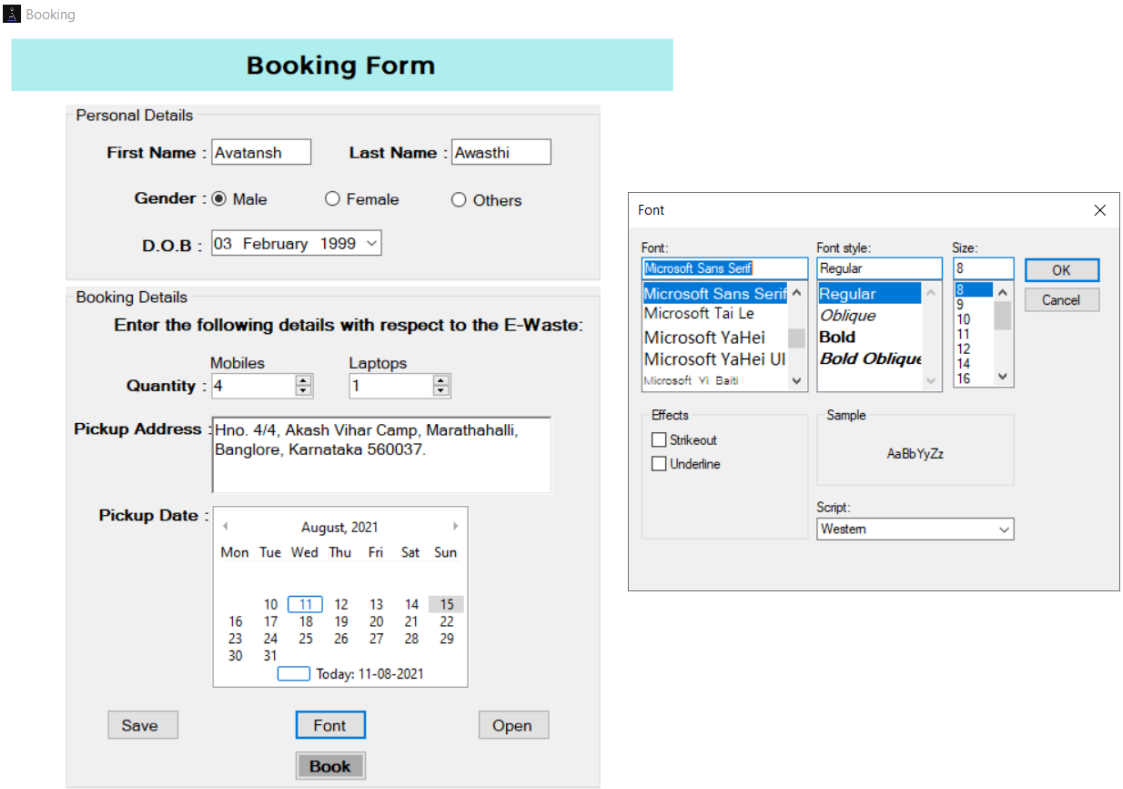
B) Filling the form



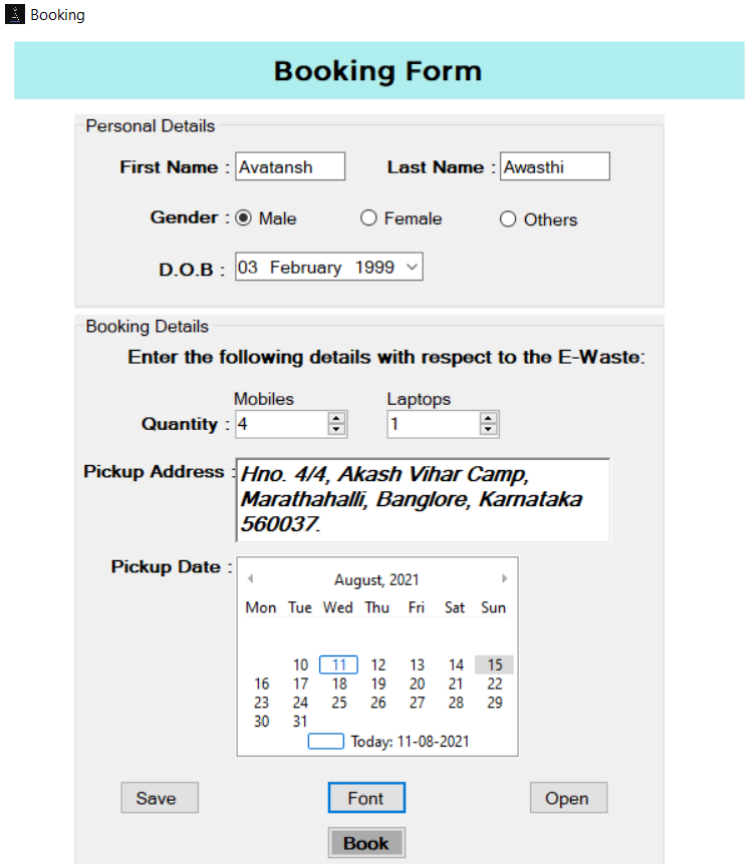
C) Save Dialogue



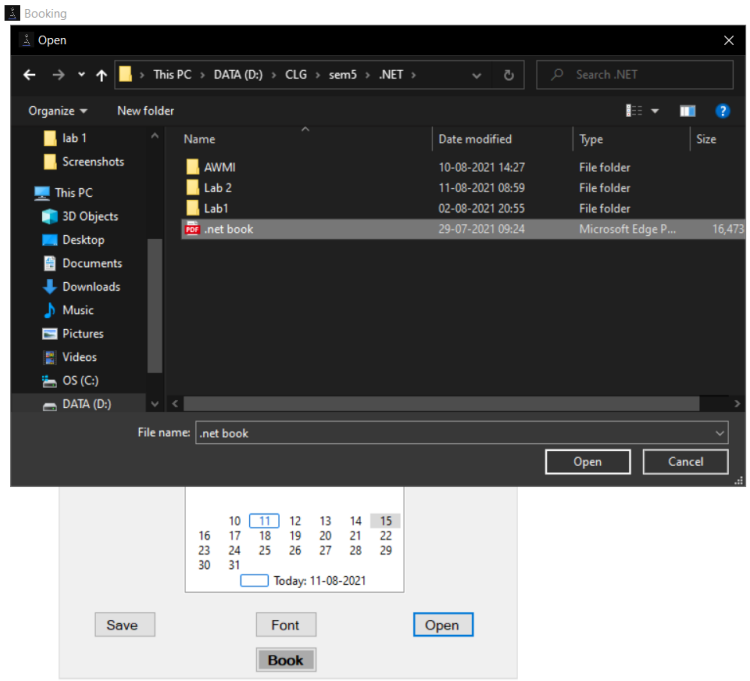
D) Font Dialogue



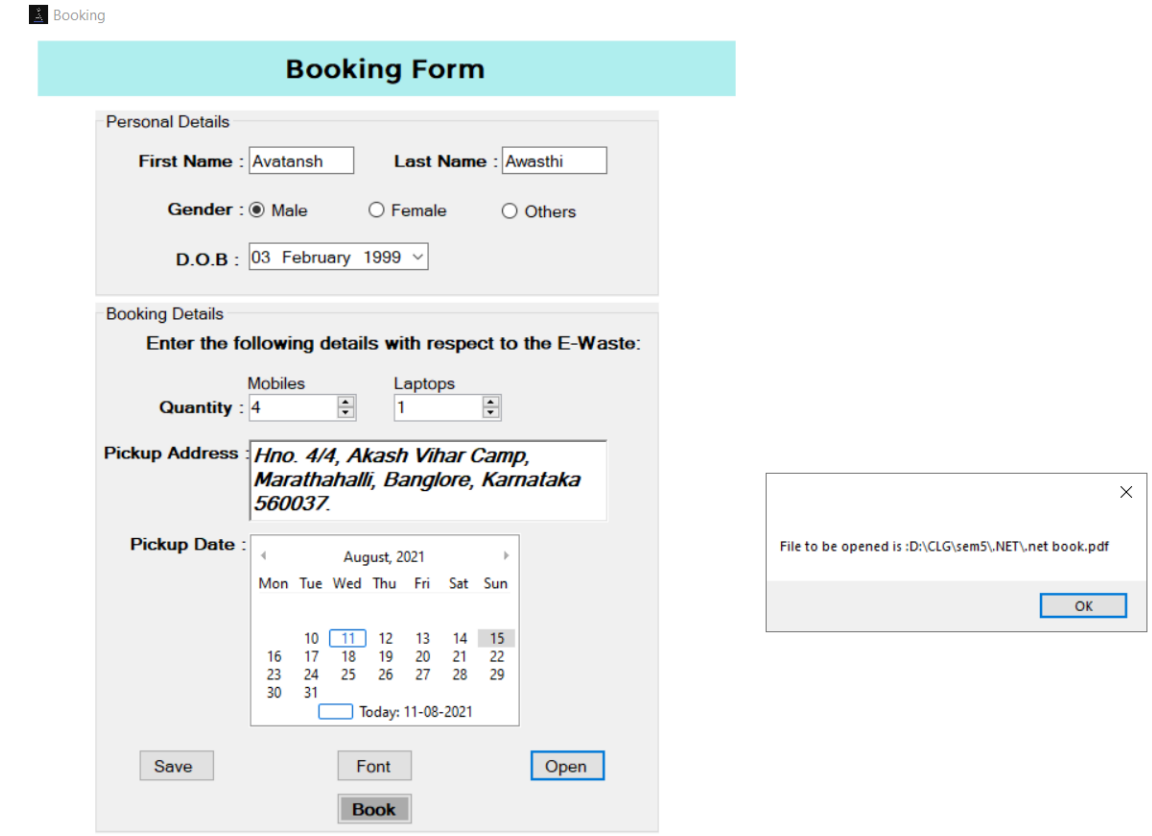
E) Change in font



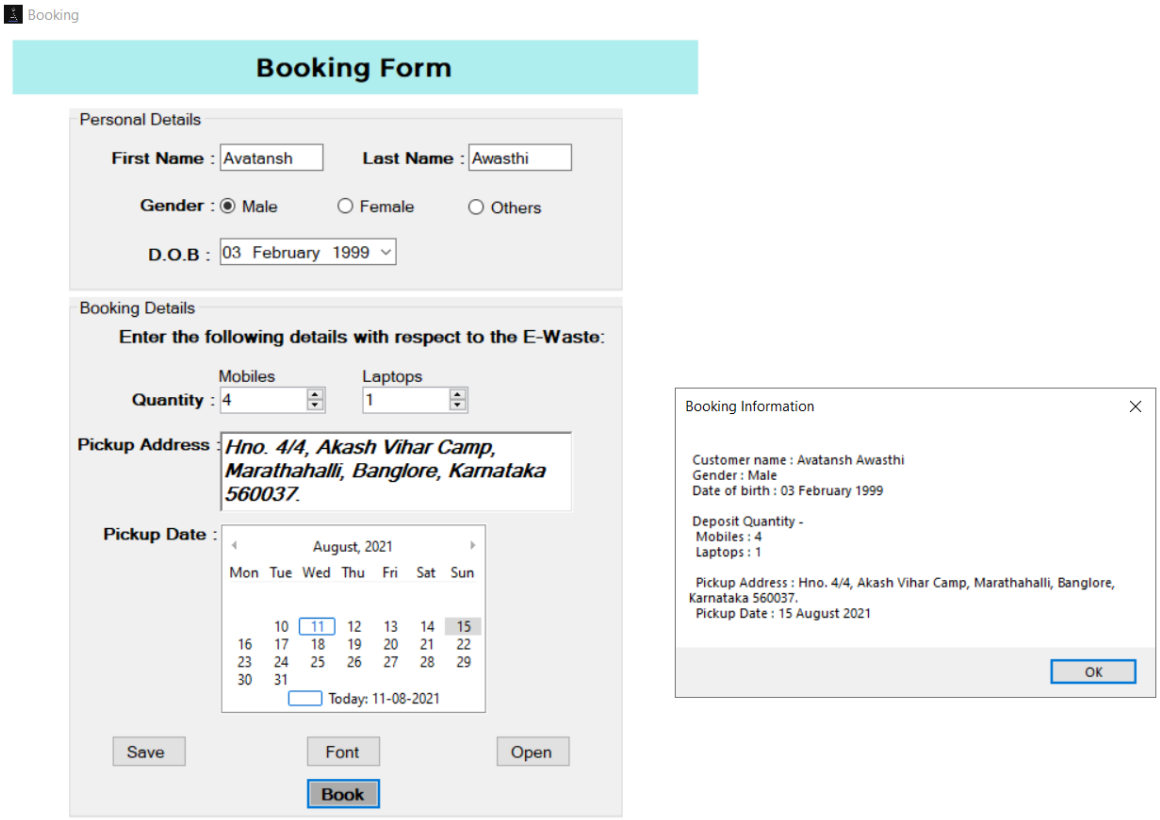
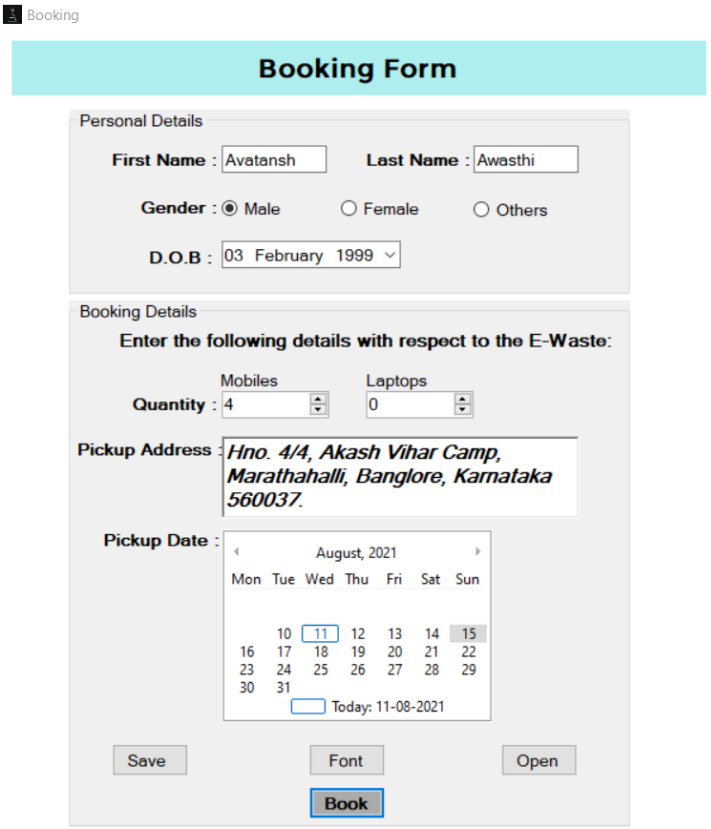
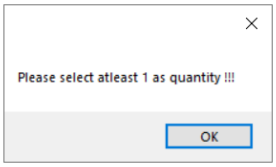
F) Open Dialogue



G) After selection of file



H) Booking the pickup



I)Validation