

INDEX

Sl. No.	Experiment Aim	Page No.	Signature
1	WAP in WML to display a simple card.	1-2	
2	WAP in WML to display a deck of three cards.	3-4	
3	WAP in WML for text formatting.	5-6	
4	WAP in WML for constructing a simple table.	7-9	
5	WAP in WML using line break element to create a list.	10-11	
6	WAP in WML using links with simple deck.	12-13	
7	WAP in WML for comparing the history stack versus relative link for backward navigation.	14-17	
8	WAP in WML to load an image.	18-19	
9	WAP in WML to display the effect of WRAP and NO WRAP mode in paragraphs.	20-21	
10	WAP in WML to create a screen for username and password (using setvar and input tags).	22-23	
11	WAP in WML to display an animation effect using “ontimer” event.	24-26	
12	WAP in WML to make address book (make index containing the names which should have links to see the details).	27-30	
13	WAP in WML to create a page displaying 4 types of food and on selecting a particular one it shows the name of the restaurant where you can get the best food of that type. (using setvar, select, option tags and onpick, onenterforward event).	31-35	

**Mobile Computing
(ETIT - 452)**

**Bachelor of Technology
(Computer Science and Engineering)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SEMESTER – 8th Sem/ 4th Year (1st Shift)**

Batch : 2019 – 2023



**Maharaja Surajmal Institute of Technology
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2019 – 2023**

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EXPERIMENT NO 1

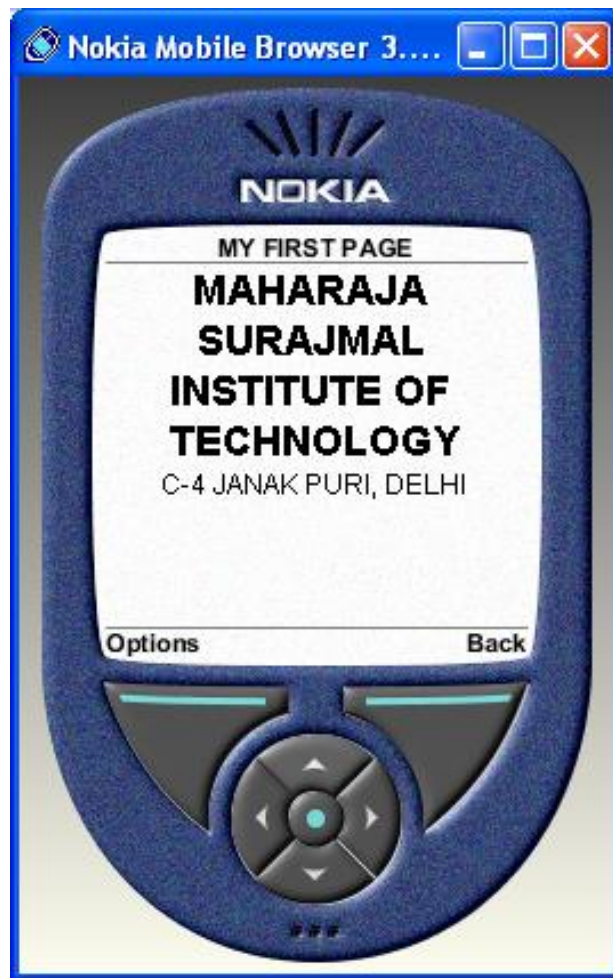
AIM:

WAP in WML to display a simple card.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
<wml>
<card id="one" title="MY FIRST PAGE">
  <p align="center">
    <big><b>MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY</b></big><br/>
    C-4 JANAK PURI, DELHI
  </p>
</card>
</wml>
```

OUTPUT OF EXPERIMENT 1



EXPERIMENT NO 2

AIM:

WAP in WML to display a deck of three cards.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">

<wml>
  <template>
    <do type="prev"><prev/></do>
  </template>
  <card id="card1" title="first card">
    <do type="accept" label="Next">
      <go href="#card2"/>
    </do>
    <p align="center">
      <big><b>Welcome to First Card</b></big></p>
    </card>

    <card id="card2" title="second card">
      <do type="accept" label="Next">
        <go href="#card3"/>
      </do>
      <p align="center">
        <big><b>Welcome to Second Card</b></big></p>
      </card>

      <card id="card3" title="third card">
        <do type="prev" label="back">
          <go href="#card1"/>
        </do>
        <p align="center">
          <big><b>Welcome to third Card</b></big></p>
        </card>
      </wml>
```

OUTPUT OF EXPERIMENT 2



EXPERIMENT NO 3

AIM:

WAP in WML for text formatting.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
<wml>

  <card id="card1" title="TEXT FORMATTING">

    <p align="center">Normal text <br/>
      <em>Emphasised text</em><br/>
      <b>Bold text</b><br/>
      <i>Italic text</i><br/>
      <big>Large text</big><br/>
      <small>Small text</small><br/>

    </p>
  </card>
</wml>
```

OUTPUT OF EXPERIMENT 3



EXPERIMENT NO 4

AIM:

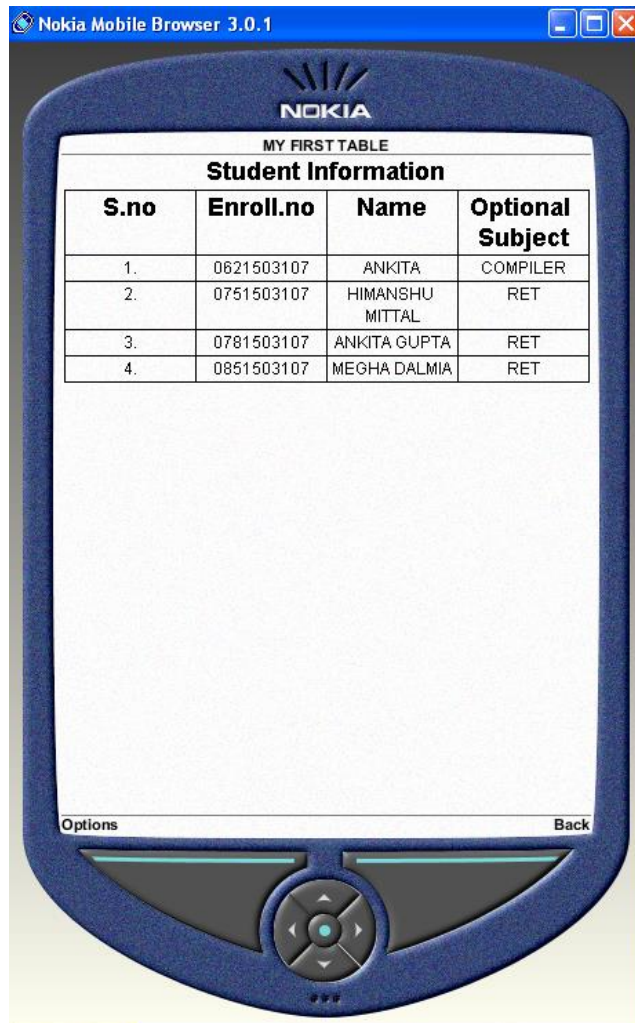
WAP in WML for constructing a simple table.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
"http://www.wapforum.org/DTD/wml13.dtd">
<wml>
  <card id="card1" title="MY FIRST TABLE">
    <p align="center">
      <big><b>Student Information</b></big>
      <table align="center" columns="4" id="table1">
        <tr>
          <td><b>S.no</b></td>
          <td><b>Enroll.no</b></td>
          <td><b>Name</b></td>
          <td><b>Optional Subject</b></td></tr>
        <tr>
          <td>1.</td>
          <td>0621503107</td>
          <td>ANKITA</td>
          <td>COMPILER</td></tr>
        <tr>
          <td>2.</td>
          <td>0751503107</td>
          <td>HIMANSHU MITTAL</td>
          <td>RET</td></tr>
        <tr>
          <td>3.</td>
          <td>0781503107</td>
          <td>ANKITA GUPTA</td>
          <td>RET</td></tr>
        <tr>
          <td>4.</td>
          <td>0851503107</td>
          <td>MEGHA DALMIA</td>
          <td>RET</td></tr>
      </table>
    </p>
  </card>
```

</wml>

OUTPUT OF EXPERIMENT 4



EXPERIMENT NO 5

AIM:

WAP in WML using line break element to create list.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
"http://www.wapforum.org/DTD/wml13.dtd">

<wml>
  <card id="card1" title="List using Line Break">
    <p align="center">
      <big><b><i>LIST OF MC PRACTICALS</i></b></big>
      <big>1.Simple Card</big>
      <br/>
      <big>2.Deck of three cards</big>
      <br/>
      <big>3.Text Formatting</big>
      <br/>
      <big>4.Create simple Table</big>
      <br/>
      <big>5.List using line break</big>
      <br/>
      <big>6.Using links with simple decks</big>
    </p>
  </card>

</wml>
```

OUTPUT OF EXPERIMENT 5



EXPERIMENT NO 6

AIM:

WAP in WML using links with simple deck.

CODE:

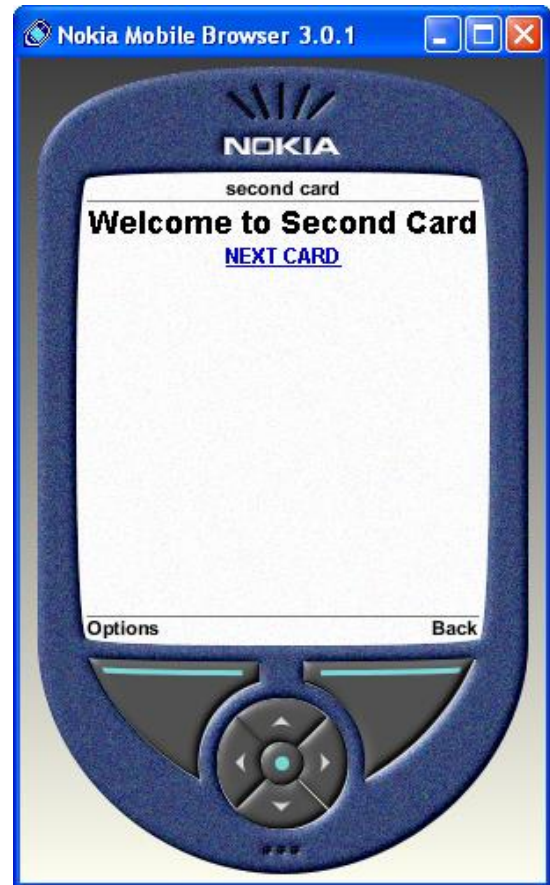
```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">

<wml>
<card id="card1" title="first card">
<p align="center">
<big><b>Welcome to First Card</b></big>
<a href="#card2">NEXT CARD</a>
</p>
</card>

<card id="card2" title="second card">
<p align="center">
<big><b>Welcome to Second Card</b></big>
<a href="#card1">NEXT CARD</a>
</p>
</card>

</wml>
```

OUTPUT OF EXPERIMENT 6



EXPERIMENT NO 7

AIM:

WAP in WML for comparing the history stack versus relative link for backward navigation.

CODE1: (USING HISTORY STACK)

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">

<wml>

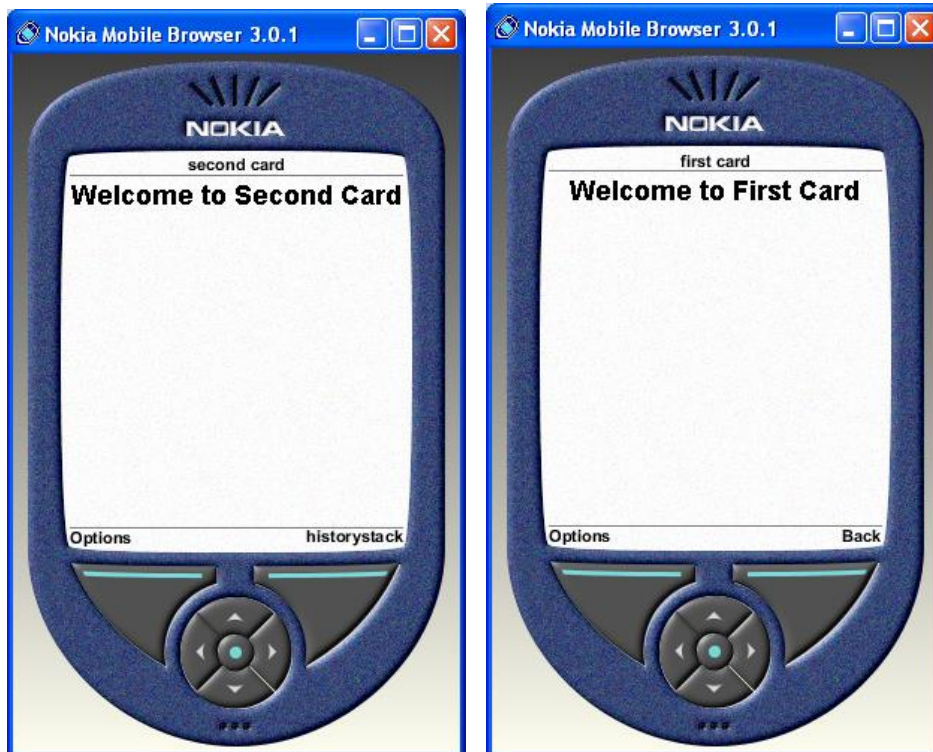
    <template>
    <do type="prev" label="historystack"><prev/></do>
    </template>

    <card id="card1" title="first card">
    <do type="prev" label="historystack"><noop/></do>
    <do type="accept" label="Next">
    <go href="#card2"/></do>
    <p align="center">
    <big><b>Welcome to First Card</b></big></p>
    </card>

    <card id="card2" title="second card">
    <do type="accept" label="Next">
    <go href="#card3"/> </do>
    <p align="center">
    <big><b>Welcome to Second Card</b></big></p>
    </card>

    <card id="card3" title="third card">
    <p align="center">
    <big><b>Welcome to third Card</b></big></p>
    </card>
</wml>
```

OUTPUT OF EXPERIMENT 7 (CODE1)



CODE2: (USING RELATIVE LINK)

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
```

```
<wml>
```

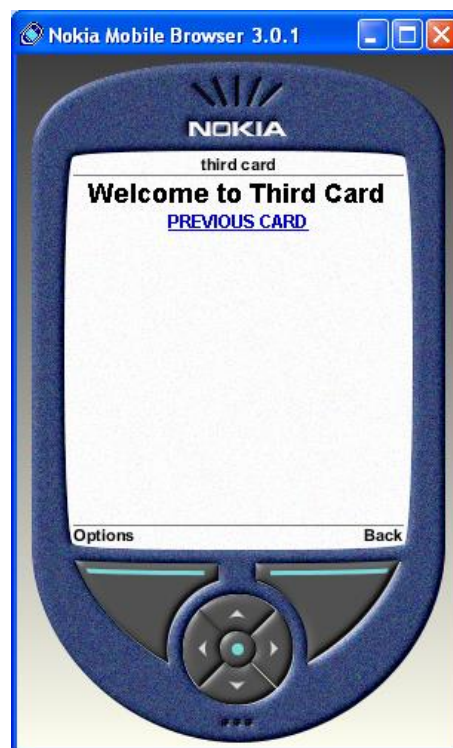
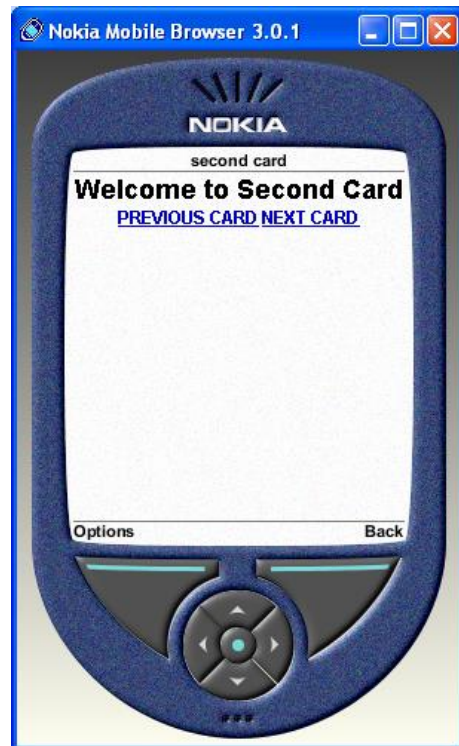
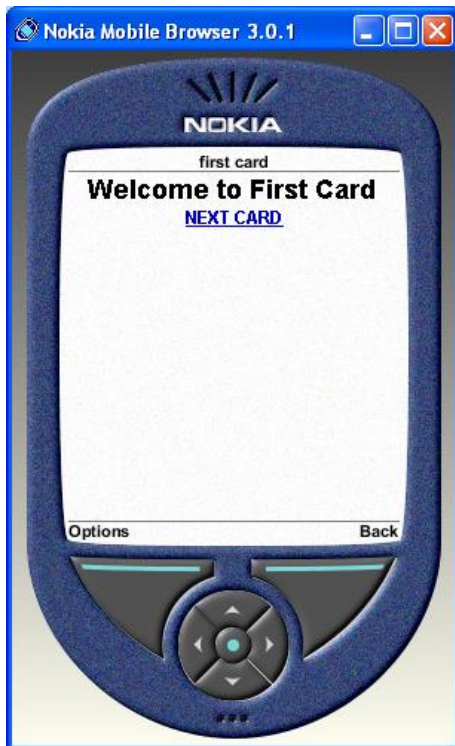
```
<card id="card1" title="first card">
<p align="center">
<big><b>Welcome to First Card</b></big>
<a href="#card2">NEXT CARD</a>
</p>
</card>
```

```
<card id="card2" title="second card">
<p align="center">
<big><b>Welcome to Second Card</b></big>
<a href="#card1">PREVIOUS CARD<br/></a>
<a href="#card3">NEXT CARD</a>
</p>
</card>
```

```
<card id="card3" title="third card">
<p align="center">
<big><b>Welcome to Third Card</b></big>
<a href="#card2">PREVIOUS CARD</a>
</p>
</card>
```

```
</wml>
```

OUTPUT OF EXPERIMENT 7 (CODE2)



EXPERIMENT NO 8

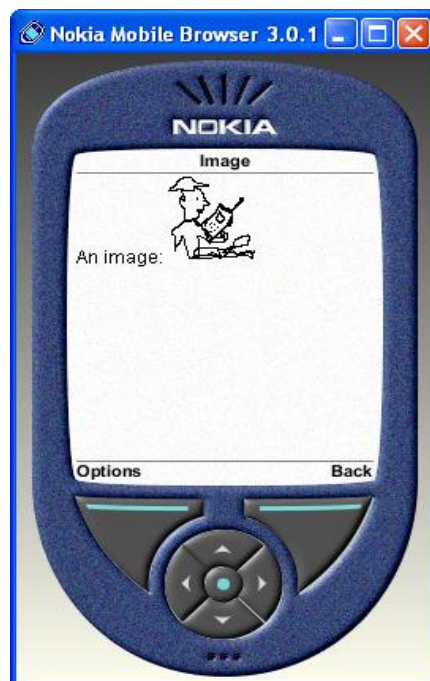
AIM:

WAP in WML to load an image

CODE

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
<wml>
<card title="Image">
<p>
    An image:
    
</p>
</card>
</wml>
```

OUTPUT OF EXPERIMENT 8



EXPERIMENT NO 9

AIM:

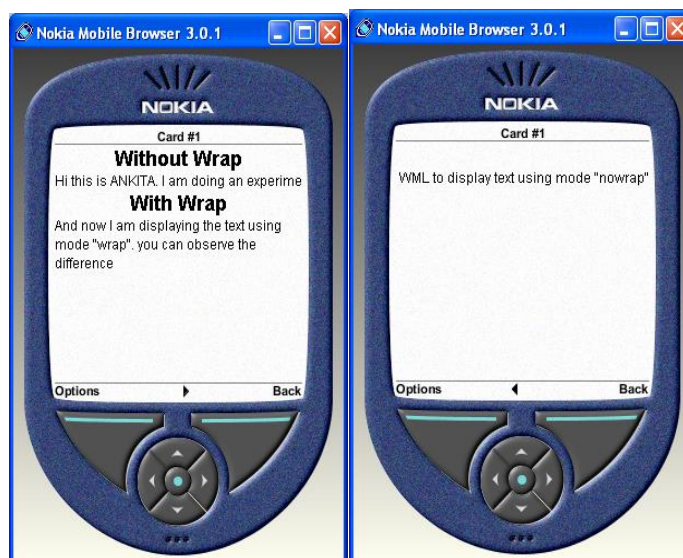
WAP in WML to display effect of WRAP and NO WRAP mode in paragraph.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
"http://www.wapforum.org/DTD/wml13.dtd">

<wml>
  <card id="card1" title="Card #1">
    <p align="center"><b>Without Wrap</b></p>
    <p mode="nowrap">Hi this is ANKITA. I am doing an experiment in WML to display text using
mode "nowrap"</p>
    <p align="center"><b>With Wrap</b></p>
    <p mode="wrap">And now I am displaying the text using mode "wrap". you can observe
the difference</p>
  </card>
</wml>
```

OUTPUT OF EXPERIMENT 9



EXPERIMENT NO 10

AIM:

WAP in WML to create a screen for username and password (using setvar and input tags)

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
<wml>
```

```
<card id="card1" title="input" newcontext="true">
<p>
<br/>
```

Enter Name:

```
<input name="username"/>
```

Enter Password:

```
<input name="password" type="password"/>
```

```
<br/>
<do type="accept" label="info">
<go href="#card2"/>
</do>
</p>
</card>
```

```
<card id="card2" title="your information">
<p>
```

Values entered by you are:

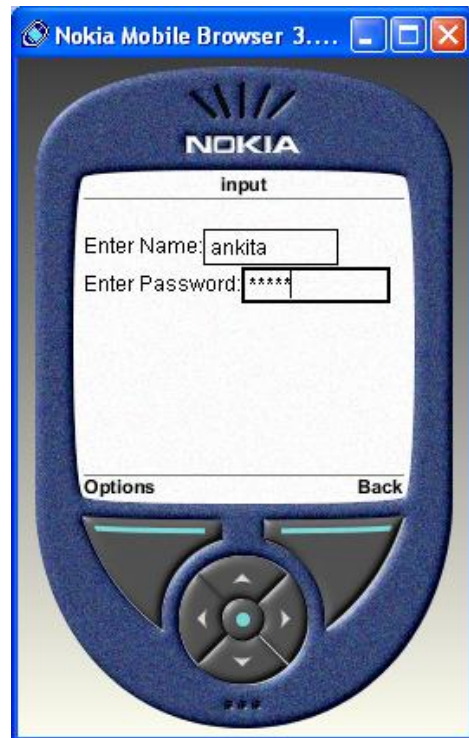
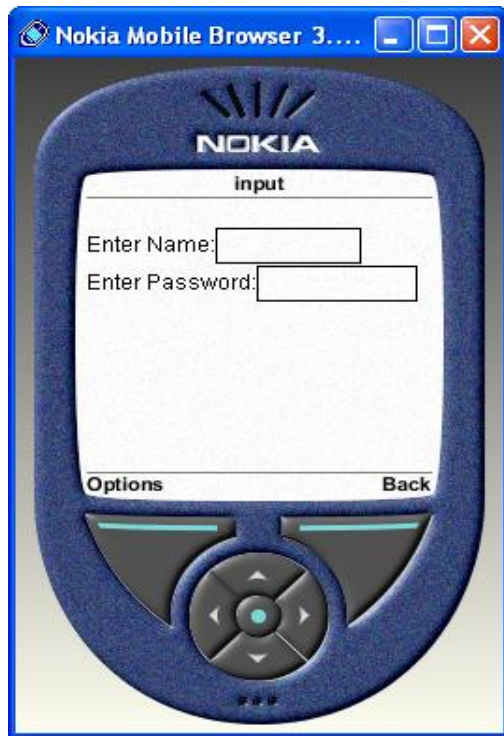
```
<br/>
Username= $username
<br/>
Password= $password
```

```
</p>
```

</card>

</wml>

OUTPUT OF EXPERIMENT 10



EXPERIMENT NO 11

AIM:

WAP in WML to display an animation effect using “ontimer” event.

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">

<wml>

    <card id="card1" title="Image">
    <onevent type="ontimer">
    <go href="#card2"/>
    </onevent>
    <timer value=".01"/>
    <p align="center" >
        
    </p>
    </card>

    <card id="card2" title="Image">
    <onevent type="ontimer">
    <go href="#card3"/>
    </onevent>
    <timer value=".01"/>
    <p align="center" >
        
    </p>
    </card>

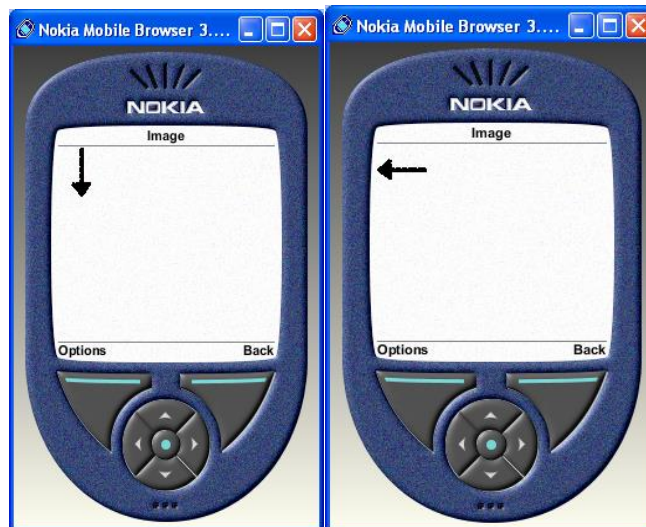
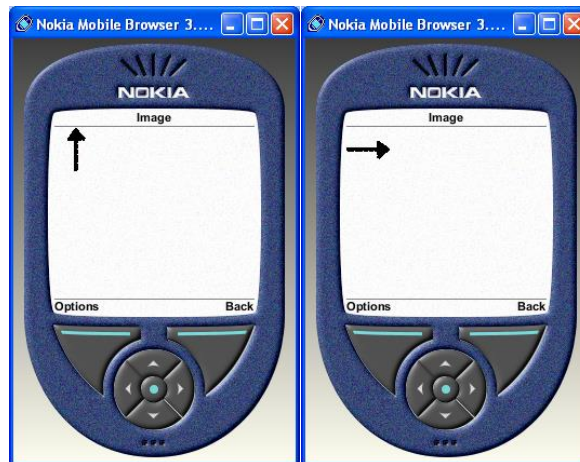
    <card id="card3" title="Image">
    <onevent type="ontimer">
    <go href="#card4"/>
    </onevent>
    <timer value=".01"/>
    <p align="center" >
        
```



```
</p>  
</card>
```

```
<card id="card4" title="Image">  
<onevent type="ontimer">  
<go href="#card1"/>  
</onevent>  
<timer value=".01"/>  
<p align="center" >  
    
</p>  
</card>  
  
</wml>
```

OUTPUT OF EXPERIMENT 11



EXPERIMENT NO 12

AIM:

WAP in WML to make address book (make index containing the names which should have links to see the details)

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">

<wml>

<card id="card1" title="ADDRESS BOOK">
<p align="center">
<big><b>INDEX</b></big><br/>
<a href="#card2">ANKITA GUPTA</a><br/>
<a href="#card3">MEGHA DALMIA</a><br/>
<a href="#card4">HIMANSHU MITTAL</a><br/>
<a href="#card5">MITUL GUPTA</a><br/>
<a href="#card6">AKSHIT WADHWA</a><br/>
<a href="#card7">ANKIT</a><br/>
<a href="#card8">VIDITA</a><br/>
<a href="#card9">DEEPTI WADHWA</a>
</p>
</card>

<card id="card2" title="ANKITA GUPTA">
<p align="center">
<big><b>ANKITA GUPTA</b></big><br/><br/>
<b><u>ADDRRESS</u></b><br/>A-456<br/>FER COLONY<br/>ADARSH NAGAR<br/>DELHI<br/>
<b><u>CONTACT NO</u></b><br/>8825369147<br/>
<b><u>EMAIL-ID</u></b><br/>ankitagupta@gmail.com<br/>
<a href="#card1">BACK TO INDEX</a>
</p>
</card>
```

```
<card id="card3" title="MEGHA DALMIA">
<p align="center">
<big><b>MEGHA DALMIA</b></big><br/><br/>
<b><u>ADDRRESS</u></b><br/>123 BLOCK-K <br/> ROHINI SEC-8 <br/>DELHI<br/>
<b><u>CONTACT NO</u></b><br/>9956842574<br/>
<b><u>EMAIL-ID</u></b><br/>meghadalmia@gmail.com<br/>
<a href="#card1">BACK TO INDEX</a>
</p>
</card>
```

```
<card id="card4" title="HIMANSHU MITTAL">
<p align="center">
<big><b>HIMANSHU MITTAL</b></big><br/><br/>
<b><u>ADDRRESS</u></b><br/>HOUSE NO:555 GTFH APARTMENTS<br/>SECTOR-
88<br/>NOIDA<br/>
<b><u>CONTACT NO</u></b><br/>5564987321<br/>
<b><u>EMAIL-ID</u></b><br/>himanshumital@gmail.com<br/>
<a href="#card1">BACK TO INDEX</a>
</p>
</card>
```

```
<card id="card5" title="MITUL GUPTA">
<p align="center">
<big><b>MITUL GUPTA</b></big><br/><br/>
<b><u>ADDRRESS</u></b><br/>891 C-BLOCK<br/>WXYZ ENCLAVE<br/>DELHI<br/>
<b><u>CONTACT NO</u></b><br/>9513574862<br/>
<b><u>EMAIL-ID</u></b><br/>mitul@gmail.com<br/>
<a href="#card1">BACK TO INDEX</a>
</p>
</card>
```

```
<card id="card6" title="AKSHIT WADHWA">
<p align="center">
<big><b>AKSHIT WADHWA</b></big><br/><br/>
<b><u>ADDRRESS</u></b><br/>189 LOK VIHAR<br/>PITAM PURA<br/>DELHI<br/>
<b><u>CONTACT NO</u></b><br/>9635786241<br/>
<b><u>EMAIL-ID</u></b><br/>akshit@gmail.com<br/>
<a href="#card1">BACK TO INDEX</a>
</p>
</card>
```

```
<card id="card7" title="ANKIT">
<p align="center">
```

**<big>ANKIT</big>

**
**<u>ADDRESS</u>
WZ-9087 RANI BAGH
DELHI
**

**<u>CONTACT NO</u>
357968421
**
**<u>EMAIL-ID</u>
ankit@gmail.com
**
BACK TO INDEX
</p>
</card>

<card id="card8" title="VIDITA">
<p align="center">
**<big>VIDITA</big>

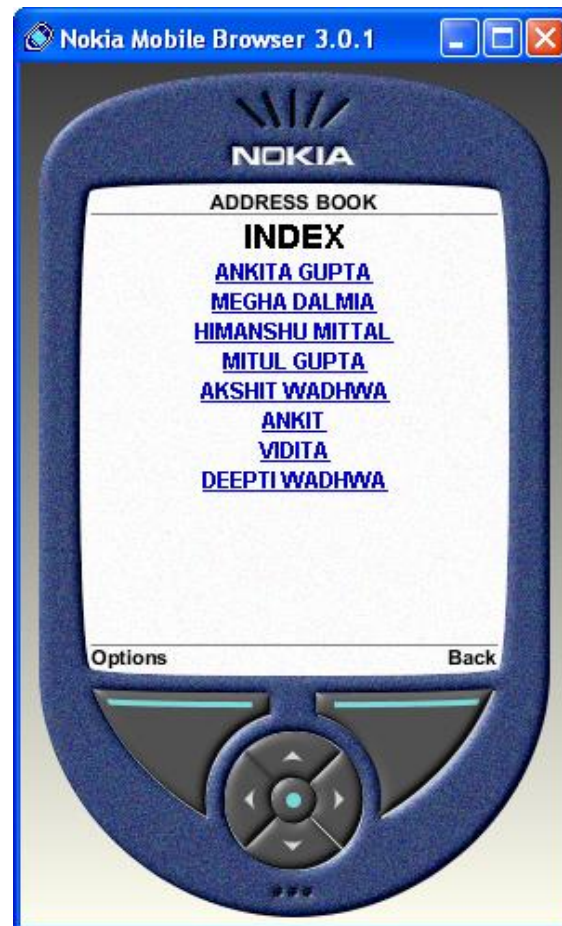
**
**<u>ADDRESS</u>
HOUSE NO:90
RETY APARTMENTS
SECTOR-9**
**DWARKA
**
**<u>CONTACT NO</u>
9963578246
**
**<u>EMAIL-ID</u>
vidita@gmail.com
**
BACK TO INDEX
</p>
</card>

<card id="card9" title="DEEPTI ARORA">
<p align="center">
**<big>DEEPTI ARORA</big>

**
**<u>ADDRESS</u>
W-97 SHASTRI NAGAR
DELHI
**
**<u>CONTACT NO</u>
011-8523691
**
**<u>EMAIL-ID</u>
deepti@gmail.com
**
BACK TO INDEX
</p>
</card>

</wml>

OUTPUT OF EXPERIMENT 12



EXPERIMENT NO 13

AIM:

WAP in WML to create a page displaying 4 types of food and on selecting a particular one it shows the name of restaurant where you can get best food of that type. (using setvar, select, option tags and onpick, onenterforward event).

CODE:

```
<?xml version="1.0"?>
<!DOCTYPE wml PUBLIC "-//WAPFORUM//DTD WML 1.3//EN"
    "http://www.wapforum.org/DTD/wml13.dtd">
<wml>

    <card id="card1" title="welcome">

        <p>

            Select the type of food you like:<br/>
            <select name="food">

                <option>
                    <onevent type="onpick">
                        <go href="#card2"/>
                    </onevent>
                    INDIAN
                </option>

                <option>
                    <onevent type="onpick">
                        <go href="#card3"/>
                    </onevent>
                    CHINESE
                </option>

                <option>
                    <onevent type="onpick">
                        <go href="#card4"/>
                    </onevent>
                    ITALIAN
```

</option>

<option>

<onevent type="onpick">

<go href="#card5"/>

</onevent>

THAI

</option>

</select>

</p>

</card>

<card id="card2" title="INDIAN">

<onevent type="onenterforward">

<go href="#card6">

<setvar name="restaurant" value="THE BUKHARA, ITC Maurya Sheraton Hotel "/>

<setvar name="add" value="INDIAN"/>

</go>

</onevent>

</card>

<card id="card3" title="CHINESE">

<onevent type="onenterforward">

<go href="#card6">

<setvar name="restaurant" value="Ichiban Restaurant ,9, pandara road market "/>

<setvar name="food" value=" CHINESE "/>

</go>

</onevent>

</card>

<card id="card4" title="ITALIAN">

<onevent type="onenterforward">

<go href="#card6">

<setvar name="restaurant" value="The Big Chill , HS-5 Kailash Colony Market "/>

<setvar name="food" value="ITALIAN "/>

</go>

</onevent>

</card>

<card id="card5" title="THAI">

<onevent type="onenterforward">

<go href="#card6">

<setvar name="restaurant" value=" Cafe Fontana, Taj hotel "/>

```
<setvar name="food" value="THAI "/>
</go>
</onevent>
</card>
```

```
<card id="card6" title="RESULT">
  <p align="center">
    YOU CAN HAVE BEST $food
    FOOD IN DELHI AT $restaurant
  </p>
</card>
```

```
</wml>
```

OUTPUT OF EXPERIMENT 13

