Write an HTML program to display a form with attributes like autofocus, placeholder and date attributes.

```
<!DOCTYPE html>

<!-- New HTML5 form input types and attributes. -->
<html>
    <head>
         <meta charset="utf-8">
         <title>New HTML5 Input Types</title>
    </head>

    <body>
        <h1>New HTML5 Input Types Demo</h1>
        <p>This form demonstrates the new HTML5 input types
           and the placeholder, required and autofocus attributes.
        </p>
          <form method = "post" >
        <p>
           <label>Color:
                  <input type = "color" autofocus />
                  (Hexadecimal code such as #ADD8E6)
           </label>
        </p>
        <p>
           <label>Date:
           <input type = "date" /> (yyyy-mm-dd)
        </label>
        </p>
        <p>
           <label> Number:
           <input type = "number"
            min = "0"
            max = "9"
            step = "2"  />
           </label> (Enter a number between 0 and 9)
        </p>
        <p>
            <input type = "submit" value = "SUBMIT" />
            <input type = "reset" value = "CLEAR" />
        </p>
        </form>
    </body>
</html>
```

Write an HTML program to demonstrate the usage of radio buttons.

```
<! --  Radio button -->
<html>
<head>
<title> Input type = "Option" </title></head>
<body>
<h2> input type="Option" </h2>
<p>Choose your Payment option :</p>
<div>
<LABEL>CREDIT CARD</LABEL>
<INPUT TYPE="Radio" Name="payment" Value="Credit Card">
</div>
<div>
<LABEL>DEBIT CARD </LABEL>
<INPUT TYPE="Radio" Name="payment" Value="Debit Card">
</div
<div>
<LABEL>PAYPAL</LABEL>
<INPUT TYPE="Radio" Name="payment"  Value="PayPal">
</div>
</body>
</html>
```

Write an HTML program to demonstrate the usage of checkbox.

```
<!-- Checkbox    -->
<html>
<head>
<title> Input type = "checkbox" </title></head>
<body>
<h2> input type="checkbox" </h2>
<p>Choose your Ice-cream flavours :</p>
<div>
<input type="checkbox"  name="Vanilla">
<label>VANILLA</label>
</div>
<div>
<input type="checkbox" name="Strawberry">
<label>STRAWBERRYy</label>
</div>
</body>
</html>
```