

```

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Vote Eligibility</title>
</head>
<body>
<form action="Vote" method="get">

<label>First Name :</label><br>
<input type="text" name="fname" /><br>
<label>Last Name :</label><br>
<input type="text" name="lname" /><br>
<label>email:</label><br>
<input type="text" name="email" /><br>
<label>Date Of Birth</label><br>

<input type="date" name="dob" placeholder="mm/dd/yyyy"><br>

<input type="submit" value="Submit" />

</form>
</body>
</html>

```

Vote.java

```

import java.io.IOException;

import java.io.PrintWriter;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.time.Instant;

import java.time.LocalDate;

import java.time.Period;

import java.time.ZoneId;

import java.time.ZonedDateTime;

import java.util.Date;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

```

```
import javax.servlet.http.HttpServletResponse;
```

```
@WebServlet("/Vote")
```

```
public class Vote extends HttpServlet {
```

```
protected void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException {
```

```
    // TODO Auto-generated method stub
```

```
        res.setContentType("text/html");
```

```
        PrintWriter out = res.getWriter();
```

```
        String fname=req.getParameter("fname");
```

```
        String lname=req.getParameter("lname");
```

```
        String email=req.getParameter("email");
```

```
        String dob=req.getParameter("dob");
```

```
        int AGE = 0;
```

```
        try {
```

```
            SimpleDateFormat formatter = new SimpleDateFormat("dd/MM/yyyy");
```

```
            Date date = formatter.parse(dob);
```

```
            //Converting obtained Date object to LocalDate object
```

```
                Instant instant = date.toInstant();
```

```
                ZonedDateTime zone = instant.atZone(ZoneId.systemDefault());
```

```
                LocalDate givenDate = zone.toLocalDate();
```

```
                //Calculating the difference between given date to current date.
```

```
                Period period = Period.between(givenDate, LocalDate.now());
```

```
                AGE=period.getYears();
```

```
        } catch (ParseException e) {
```

```
            // TODO Auto-generated catch block
```

```
            e.printStackTrace();
```

```
        }
```

```
out.println("<h4> Name : "+fname+" "+lname+"</h4>");  
out.println("<h4> Email : "+email+"</h4>");  
out.println("<h4> Age : "+AGE+"</h4>");
```

```
if(AGE>=18)  
{  
out.println("<h4> Eligible for Vote</h4>");  
}  
else  
{  
out.println("<h4> Not Eligible for Vote</h4>");  
}
```

```
out.close();  
}
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException,  
IOException {
```

```
// TODO Auto-generated method stub
```

```
doGet(request, response);
```

```
}
```

```
}
```

Output :

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First Name :

Last Name :

email:

Date Of Birth

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iv
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Name : Ravish Gowda

Email : ravi@gmail.com

Age : 17

Not Eligible for Vote

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v
ja

First Name :

Last Name :

email:

Date Of Birth

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ja

Name : Ravish Gowda

Email : ravi@gmail.com

Age : 19

Eligible for Vote