

## ED 11 - CONSULTA CEP CAPTURA DO SCRIPT

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Utilize a técnica de teste exploratório para compreender o comportamento da função “busca endereço pelo CEP” do site dos correios

2) Modifique o script de teste REQ01ConsultaCEP, inclua um caso de teste chamado CT03ConsultaCEPcomLogradouroInvalido. No script programe o campo Logradouro para receber “xxxxxx”. Faça os ajustes necessários com base no caso de teste CT01ConsultaCEPcomSucesso. Salve o script com o nome CT02ConsultacomLogradouroInvalido.

3) Modifique o script de teste REQ01ConsultaCEP. Inclua um caso de teste chamado CT04ConsultaCEPcomLogradouroEmBranco

4) Modifique o script de teste REQ01ConsultaCEP. Inclua um caso de teste chamado CT05ConsultaCEPcomLogradouroInvalidoCaracteresEspeciais.

5) Salve o script REQ01ConsultaCEP em um único arquivo no Word imprima em pdf e faça o upload no Teams.

```
package cep.fatec.teste;
```

```
import static org.hamcrest.CoreMatchers.is;  
import static org.junit.Assert.assertThat;
```

```
import java.util.HashMap;  
import java.util.Map;
```

```
import org.junit.After;
```

```

import org.junit.Before;
import org.junit.Test;
import org.openqa.selenium.By;
import org.openqa.selenium.Dimension;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class REQ01ConsultaCEP {

    private WebDriver driver;
    private Map<String, Object> vars;
    JavascriptExecutor js;

    @Before
    public void setUp() {
        System.setProperty("webdriver.chrome.driver",
"browserDriver/chromedriver.exe");
        driver = new ChromeDriver();
        js = (JavascriptExecutor) driver;
        vars = new HashMap<String, Object>();
    }

    @After
    public void tearDown() {
        driver.quit();
    }

    @SuppressWarnings("deprecation")
    @Test
    public void ct01ConsultaCEPcomSucessoTest() {

driver.get("http://www.buscacep.correios.com.br/sistemas/buscacep/bu
scaCep.cfm");
        driver.manage().window().setSize(new Dimension(1003, 681));
        driver.findElement(By.name("UF")).click();
        {
            WebElement dropdown = driver.findElement(By.name("UF"));
            dropdown.findElement(By.xpath("//option[. = 'SP']")).click();
        }
    }
}

```

```

    }
    driver.findElement(By.name("UF")).click();
    driver.findElement(By.name("Localidade")).click();
    driver.findElement(By.name("Localidade")).sendKeys("São Paulo");
    driver.findElement(By.name("Tipo")).click();
    {
        WebElement dropdown = driver.findElement(By.name("Tipo"));
        dropdown.findElement(By.xpath("//option[. = 'Rua']")).click();
    }
    driver.findElement(By.name("Tipo")).click();
    driver.findElement(By.name("Logradouro")).click();
    driver.findElement(By.name("Logradouro")).sendKeys("Frei João");
    driver.findElement(By.cssSelector(".btn2")).click();
    assertThat(driver.findElement(By.cssSelector("p")).getText(),
is("DADOS ENCONTRADOS COM SUCESSO."));

}

```

```

@SuppressWarnings("deprecation")
@Test
public void cT03ConsultaCEPcomLogradouroInvalido() {

driver.get("http://www.buscacep.correios.com.br/sistemas/buscacep/bu
scaCep.cfm");
    driver.manage().window().setSize(new Dimension(1870, 1053));
    driver.findElement(By.name("UF")).click();
    {
        WebElement dropdown = driver.findElement(By.name("UF"));
        dropdown.findElement(By.xpath("//option[. = 'SP']")).click();
    }
    driver.findElement(By.cssSelector(".f1col >
option:nth-child(27)")).click();
    driver.findElement(By.name("Localidade")).click();
    driver.findElement(By.name("Localidade")).sendKeys("São Paulo");
    driver.findElement(By.name("Logradouro")).click();
    driver.findElement(By.name("Logradouro")).sendKeys("xxxxxx");
    driver.findElement(By.name("Tipo")).click();
    {
        WebElement dropdown = driver.findElement(By.name("Tipo"));

```

```

        dropdown.findElement(By.xpath("//option[. =
'Aeroporto']")).click();
    }
    driver.findElement(By.cssSelector(".f2col >
option:nth-child(2)")).click();
    driver.findElement(By.cssSelector(".btn2")).click();
    assertThat(driver.findElement(By.cssSelector("p")).getText(),
is("LOGRADOURO NAO ENCONTRADO."));
}

@SuppressWarnings("deprecation")
@Test
public void
cT05ConsultaCEPcomLogradouroInvalidoCaracteresEspeciais() {

driver.get("http://www.buscacep.correios.com.br/sistemas/buscacep/bu
scaCep.cfm");
    driver.manage().window().setSize(new Dimension(1870, 1053));
    driver.findElement(By.name("UF")).click();
    driver.findElement(By.name("UF")).click();
    {
        WebElement dropdown = driver.findElement(By.name("UF"));
        dropdown.findElement(By.xpath("//option[. = 'SP']")).click();
    }
    driver.findElement(By.cssSelector(".f1col >
option:nth-child(27)")).click();
    driver.findElement(By.name("Logradouro")).click();
    driver.findElement(By.name("Logradouro")).sendKeys("dwqdwqdw");
    driver.findElement(By.name("Localidade")).click();
    driver.findElement(By.name("Localidade")).sendKeys("2312312");
    driver.findElement(By.cssSelector(".btn2")).click();
    assertThat(driver.findElement(By.cssSelector("p")).getText(),
is("LOGRADOURO NAO ENCONTRADO."));
}
}

```