

```
In [2]: import requests  
        from bs4 import BeautifulSoup  
        import smtplib, ssl
```

```
In [3]: url="https://www.amazon.in/Apple-iPhone-Mini-256GB-Starlight/dp/B09G9G9C2K/ref=sr
```



```

In [4]: page=requests.get(url)
        soup=BeautifulSoup(page.content,"html.parser")
        print(soup.prettify())

<!DOCTYPE html>
<!--[if lt IE 7]> <html lang="en-us" class="a-no-js a-lt-ie9 a-lt-ie8 a-lt-ie
7"> <![endif]-->
<!--[if IE 7]> <html lang="en-us" class="a-no-js a-lt-ie9 a-lt-ie8"> <![endi
f]-->
<!--[if IE 8]> <html lang="en-us" class="a-no-js a-lt-ie9"> <![endif]-->
<!--[if gt IE 8]><!-->
<html class="a-no-js" lang="en-us">
<!--<![endif]-->
<head>
<meta content="text/html; charset=utf-8" http-equiv="content-type"/>
<meta charset="utf-8"/>
<meta content="IE=edge,chrome=1" http-equiv="X-UA-Compatible"/>
<title dir="ltr">
    Amazon.in
</title>
<meta content="width=device-width" name="viewport"/>
<link href="https://images-na.ssl-images-amazon.com/images/G/01/AUIClients/Am
azonUI-3c913031596ca78a3768f4e934b1cc02ce238101.secure.min._V1_.css" rel="style
sheet"/>
<script>
    if (true === true) {
        var ue_t0 = (+ new Date()),
            ue_csm = window,
            ue = { t0: ue_t0, d: function() { return (+new Date() - ue_t0); } },
            ue_furl = "fls-eu.amazon.in",
            ue_mid = "A21TJRUN4KGV",
            ue_sid = (document.cookie.match(/session-id=([0-9-]+)/) || [])[1],
            ue_sn = "opfcaptcha.amazon.in",
            ue_id = '094TVA7E2W1T6G4SYSZM';
    }
</script>
</head>
<body>
<!--
    To discuss automated access to Amazon data please contact api-services-
support@amazon.com.
    For information about migrating to our APIs refer to our Marketplace AP
Is at https://developer.amazonservices.in/ref=rm\_c\_sv, (https://developer.amazonservices.in/ref=rm\_c\_sv,) or our Product Advertising API at https://affiliate-program.amazon.in/gp/advertising/api/detail/main.html/ref=rm\_c\_ac (https://affi
liate-program.amazon.in/gp/advertising/api/detail/main.html/ref=rm\_c\_ac) for ad
vertising use cases.
-->
<!--
Correios.DoNotSend
-->
<div class="a-container a-padding-double-large" style="min-width:350px;paddin
g:44px 0 !important">
    <div class="a-row a-spacing-double-large" style="width: 350px; margin: 0 aut
o">
        <div class="a-row a-spacing-medium a-text-center">
            <i class="a-icon a-logo">

```

```

    </i>
  </div>
  <div class="a-box a-alert a-alert-info a-spacing-base">
    <div class="a-box-inner">
      <i class="a-icon a-icon-alert">
        </i>
      <h4>
        Enter the characters you see below
      </h4>
      <p class="a-last">
        Sorry, we just need to make sure you're not a robot. For best results, please make sure your browser is accepting cookies.
      </p>
    </div>
  </div>
  <div class="a-section">
    <div class="a-box a-color-offset-background">
      <div class="a-box-inner a-padding-extra-large">
        <form action="/errors/validateCaptcha" method="get" name="">
          <input name="amzn" type="hidden" value="oEcv/fnzukKkKF2Lsn6poQ==" />
          <input name="amzn-r" type="hidden" value="/Apple-iPhone-Mini-256GB-Starlight/dp/B09G9G9C2K" />
          <div class="a-row a-spacing-large">
            <div class="a-box">
              <div class="a-box-inner">
                <h4>
                  Type the characters you see in this image:
                </h4>
                <!-- For automated access to price change or offer listing change events, please refer to the MWS Subscription API:
                  https://developer.amazonservices.in/gp/mws/api.html/276-5247872-0590350?ie=UTF8&section=subscriptions&group=subscriptions&version=latest (https://developer.amazonservices.in/gp/mws/api.html/276-5247872-0590350?ie=UTF8&section=subscriptions&group=subscriptions&version=latest)
                -->
              <div class="a-row a-text-center">
                
              </div>
              <div class="a-row a-spacing-base">
                <div class="a-row">
                  <div class="a-column a-span6">
                  </div>
                  <div class="a-column a-span6 a-span-last a-text-right">
                    <a onclick="window.location.reload()">
                      Try different image
                    </a>
                  </div>
                </div>
                <input autocapitalize="off" autocomplete="off" autocorrect="off" class="a-span12" id="captchacharacters" name="field-keywords" placeholder="Type characters" spellcheck="false" type="text" />
              </div>
            </div>
          </div>
        </form>
      </div>
    </div>
  </div>

```

```

    </div>
  </div>
  <div class="a-section a-spacing-extra-large">
    <div class="a-row">
      <span class="a-button a-button-primary a-span12">
        <span class="a-button-inner">
          <button class="a-button-text" type="submit">
            Continue shopping
          </button>
        </span>
      </span>
    </div>
  </div>
</form>
</div>
</div>
<div class="a-divider a-divider-section">
  <div class="a-divider-inner">
    </div>
  </div>
  <div class="a-text-center a-spacing-small a-size-mini">
    <a href="https://www.amazon.in/gp/help/customer/display.html/ref=footer_co
u?ie=UTF8&nodeId=200545940">
      Conditions of Use & Sale
    </a>
    <span class="a-letter-space">
    </span>
    <span class="a-letter-space">
    </span>
    <span class="a-letter-space">
    </span>
    <span class="a-letter-space">
    </span>
    <a href="https://www.amazon.in/gp/help/customer/display.html/ref=footer_pri
vacy?ie=UTF8&nodeId=200534380">
      Privacy Notice
    </a>
  </div>
  <div class="a-text-center a-size-mini a-color-secondary">
    © 1996-2015, Amazon.com, Inc. or its affiliates
    <script>
      if (true === true) {
        document.write('');
      };
    </script>
    <noscript>
      
    </img>
    </noscript>
  </div>
</div>
<script>
  if (true === true) {

```

```

        var head = document.getElementsByTagName('head')[0],
            prefix = "https://images-eu.ssl-images-amazon.com/images/G/01/csminstrumentation/",
            elem = document.createElement("script");
        elem.src = prefix + "csm-captcha-instrumentation.min.js";
        head.appendChild(elem);

        elem = document.createElement("script");
        elem.src = prefix + "rd-script-6d68177fa6061598e9509dc4b5bdd08d.js";
        head.appendChild(elem);
    }
</script>
</body>
</html>

```

In [5]: `print(soup.title)`

```
<title>Apple iPhone 13 Mini (256GB) - Starlight : Amazon.in: Electronics</title>
```

In [9]: `a=soup.find(id="productTitle")`
`b=a.get_text()`
`print(b.strip())`

```
Apple iPhone 13 Mini (256GB) - Starlight
```

In [10]: `price=soup.find(class_="a-price-whole")`
`price.get_text()`

Out[10]: '68,990.'

In [11]: `cp=price.get_text()`

In [12]: `a=cp[0:6]`
`a`

Out[12]: '68,990'

In [13]: `res=requests.get("https://www.flipkart.com/apple-iphone-13-starlight-256-gb/p/itm")`

In [14]: `soup = BeautifulSoup(res.text,"lxml")`

In [15]: `print(soup.title)`

```
<title>APPLE iPhone 13 ( 256 GB GB Storage, 0 GB RAM ) Online at Best Price On Flipkart.com</title>
```

In [16]: `price=soup.find(class_="_30jeq3 _16Jk6d")`

In [17]: `price.get_text()`

Out[17]: '₹67,990'

```
In [18]: cp=price.get_text()
         f=cp[1:7]
         f
```

Out[18]: '67,990'

```
In [19]: price=0
         company=""
         if a<f:
             price=a
             company="Amazon"
         else:
             price=f
             company="Flipkart"

         print(price)
         print(company)
```

67,990
Flipkart

```
In [43]: def send_mail():

         server = smtplib.SMTP('smtp.gmail.com', 587)
         server.ehlo()
         server.starttls()
         server.ehlo()
         server.login("hardik.kas77@gmail.com", "kuegqllpveaxwdoz")
         subject="price fall down"
         if company == "Flipkart":
             body="Check the Flipkart link: https://www.flipkart.com/apple-iphone-13-s
             msg=f"Subject:{subject}\n\n{body}"
             server.sendmail(
                 "om.patkar99@gmail.com",
                 "manali.p92@gmail.com",
                 msg
             )
             print("Mail send")
             server.quit()

         else:
             body="check the Amazon link: https://www.amazon.in/Apple-iPhone-Mini-256G
             msg=f"Subject:{subject}\n\n{body}"
             server.sendmail(
                 "om.patkar99@gmail.com",
                 "manali.p92@gmail.com",
                 msg
             )
             print("Mail send")
             server.quit()
```

In [44]: `send_mail()`

Mail send

In []: `kuegqllpveaxwdoz`