

3. Scarp any one website and write the code. (as per your choice you can do)

```
import requests
```

```
from bs4 import BeautifulSoup
```

```
url='http://system-controls.com/industry/aerospace-3/'
```

```
a=requests.get(url)
```

a

<Response [200]>

a.text

```
<!--\n<!DOCTYPE html>\>\r\n\r\n<html>\>\r\n\r\n<head>\>\r\n\r\n<meta charset="UTF-8">\>\r\n\r\n\r\n<title>Aerospace - System Controls</title>\>\n<script>\>\r\n\r\n\tjvcf7_loading_url= "http://system-controls.com/wp-content/plugins/contact-form-7/images/ajax-loader.gif";\r\n\r\n\tjvcf7_invalid_field_design = "theme_1";\r\n\r\n\tjvcf7_show_label_error = "errorMsgshow";\r\n\r\n\t</script>>\n<!-- This site is optimized with the Yoast SEO plugin v9.5 - https://yoast.com/wordpress/plugins/seo/ (https://yoast.com/wordpress/plugins/seo/) -->\n<link rel="canonical" href="http://system-controls.com/industry/aerospace-3/" />\n<meta property="og:locale" content="en_US" />\n<meta property="og:type" content="article" />\n<meta property="og:title" content="Aerospace - System Controls" />\n<meta property="og:description" content="We have the best in-class facilities for designing, qualifying and delivering motion solutions to some of India's leading Aerospace Industries. To, support us on the development; we are being constantly monitored by our qualified consulting team who help in developing innovative methodologies for final production. Azimuth over Elevation Positioner Antenna Stabilization Unit Dual Filament Landing &hellip;" />\n<meta property="og:url" content="http://system-controls.com/industrv/aerospace-3/" />\n<meta propertv="og:site name" c
```

```
b=a.content
```

```
soup=BeautifulSoup(b,'html.parser')
```

In [9]:

```
print(soup.prettify())
...
function b(e,e){var a=String.fromCharCode
harCode;p.clearRect(0,0,i.width,i.height),p.fillText(a.apply(this,e),0,0);
e=i.toDataURL();return p.clearRect(0,0,i.width,i.height),p.fillText(a.appl
y(this,t),0,0),e===i.toDataURL()}function c(e){var t=a.createElement("scri
pt");t.src=e,t.defer=t.type="text/javascript",a.getElementsByTagName("hea
d")[0].appendChild(t)}for(o=Array("flag","emoji"),t.supports={everything:!
0,everythingExceptFlag:!0},r=0;r<o.length;r++)t.supports[o[r]]=function(e)
{if(!p||!p.fillText)return!1;switch(p.textBaseline="top",p.font="600 32px
Arial",e){case"flag":return s([55356,56826,55356,56819],[55356,56826,820
3,55356,56819])?!1:!s([55356,57332,56128,56423,56128,56418,56128,56421,561
28,56430,56128,56423,56128,56447],[55356,57332,8203,56128,56423,8203,5612
8,56418,8203,56128,56421,8203,56128,56430,8203,56128,56423,8203,56128,5644
7]);case"emoji":return!s([55358,56760,9792,65039],[55358,56760,8203,9792,6
5039])}return!1}(o[r]),t.supports.everything=t.supports.everything&& t.supp
orts[o[r]],"flag"!==o[r]&&(t.supports.everythingExceptFlag=t.supports.ever
ythingExceptFlag&&t.supports[o[r]]);t.supports.everythingExceptFlag=t.supp
orts.everythingExceptFlag&&!t.supports.flag,t.DOMReady=!1,t.readyCallback=
function(){t.DOMReady=!0},t.supports.everything||(n=function(){t.readyCall
back()},a.addEventListener(a.addEventListener("DOMContentLoaded",n,!1),e.
addEventListener("load",n,!1)):(e.attachEvent("onload",n),a.attachEvent("o
nreadystatechange",function(){if("complete"===a.readyState&&t.readyCallback

```

In [10]:

```
title=soup.find('title')
title.text
```

Out[10]:

'Aerospace - System Controls'

In [14]:

```
p_n=soup.find('body')
p_n
...
<div class="top-right">
<nav class="top-right pull-right">
<!--<ul>

    <li><a href="#">SITE MAP</a></li>

    <li><a href="#">SHORTCODES</a></li>

    <li><a href="#">SUPPORT</a></li>

</ul>-->
<ul><li class="menu-item menu-item-type-post_type menu-item-object-page me
nu-item-home menu-item-787" id="menu-item-787"><a href="http://system-cont
rols.com/">Home</a></li>
<li class="menu-item menu-item-type-post_type menu-item-object-page menu-i
tem-788" id="menu-item-788"><a href="http://system-controls.com/about-u
s/">About us</a></li>
<li class="menu-item menu-item-type-post_type menu-item-object-page menu-i
tem-879" id="menu-item-879"><a href="http://system-controls.com/sitemap/">
Sitemap</a></li>
</ul>
</div>

```

In [15]:

```
print(p_n.prettify())
```

```
<body>
<!--Google Analytics code: copy and paste this code into every webpage-->
<script>
  (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function()
n(){
  (i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
  m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
  })(window,document,'script','//www.google-analytics.com/analytics.js','ga');

  ga('create', 'UA-72083767-1', 'auto');
  ga('send', 'pageview');
</script>
<div class="page-wrapper">
  <!-- Main Header -->
  <header class="main-header style-one">
    <!-- Header Top -->
    <div class="header-top">
```

In [17]:

```
a=p_n.find_all('div',class_='column col-md-8 col-sm-6 col-xs-12 content')
a
```

Out[17]:

```
[<div class="column col-md-8 col-sm-6 col-xs-12 content">
  <p style="word-spacing:-1px;">We have the best in-class facilities for desi
gning, qualifying and delivering motion solutions to some of India's leading
Aerospace Industries. To, support us on the development; we are being consta
ntly monitored by our qualified consulting team who help in developing innov
ative methodologies for final production.</p>
  <ol class="key-points">
    <li><a class="textclr" href="http://system-controls.com/projects/azimuth-ov
er-elevation-positioner/">Azimuth over Elevation Positioner</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/antenna-st
abilization-unit/">Antenna Stabilization Unit</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/dual-filam
ent-landing-light/">Dual Filament Landing Light</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/yaw-compen
sator/">Yaw Compensator</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/pcm-teleme
try-card/">PCM Telemetry Card</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/rate-table
-test-benches/">Rate Table</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/actuator-d
ata-acquisition-and-analysis-system/">Actuator Data Acquisition and Analysis
System</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/airdata-te
st-system-pitot-static-tester/">Air Data Test system</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/aoa-vane-t
est-bench/">AOA Test Bench</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/the-lvdt-t
est-bench/">LVDT Test Bench</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/control-co
lumn-test-bench/">Control Column Test Bench</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/wing-loadi
ng-profile-generator/">Wing Loading Profile Generator</a></li>
    <li><a class="textclr" href="http://system-controls.com/projects/multichann
el-antialiasing-filters/">Multichannel Antialiasing Filters</a></li>
  </ol>
</div>]
```

In [18]:

```
b=p_n.find_all('ol', class_='key-points')
b
```

Out[18]:

```
[<ol class="key-points">
  <li><a class="textclr" href="http://system-controls.com/projects/azimuth-over-elevation-positioner/">Azimuth over Elevation Positioner</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/antenna-stabilization-unit/">Antenna Stabilization Unit</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/dual-filament-landing-light/">Dual Filament Landing Light</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/yaw-compensator/">Yaw Compensator</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/pcm-telemetry-card/">PCM Telemetry Card</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/rate-table-test-benches/">Rate Table</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/actuator-data-acquisition-and-analysis-system/">Actuator Data Acquisition and Analysis System</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/airdata-test-system-pitot-static-tester/">Air Data Test system</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/aoa-vane-test-bench/">AOA Test Bench</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/the-lvdt-test-bench/">LVDT Test Bench</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/control-column-test-bench/">Control Column Test Bench</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/wing-loading-profile-generator/">Wing Loading Profile Generator</a></li>
  <li><a class="textclr" href="http://system-controls.com/projects/multichannel-antialiasing-filters/">Multichannel Antialiasing Filters</a></li>
</ol>]
```

In [20]:

```
c=p_n.find_all('a', class_='textclr')
c
```

Out[20]:

```
[<a class="textclr" href="http://system-controls.com/projects/azimuth-over-elevation-positioner/">Azimuth over Elevation Positioner</a>,
 <a class="textclr" href="http://system-controls.com/projects/antenna-stabilization-unit/">Antenna Stabilization Unit</a>,
 <a class="textclr" href="http://system-controls.com/projects/dual-filament-landing-light/">Dual Filament Landing Light</a>,
 <a class="textclr" href="http://system-controls.com/projects/yaw-compensator/">Yaw Compensator</a>,
 <a class="textclr" href="http://system-controls.com/projects/pcm-telemetry-card/">PCM Telemetry Card</a>,
 <a class="textclr" href="http://system-controls.com/projects/rate-table-test-benches/">Rate Table</a>,
 <a class="textclr" href="http://system-controls.com/projects/actuator-data-acquisition-and-analysis-system/">Actuator Data Acquisition and Analysis System</a>,
 <a class="textclr" href="http://system-controls.com/projects/airdata-test-system-pitot-static-tester/">Air Data Test system</a>,
 <a class="textclr" href="http://system-controls.com/projects/aoa-vane-test-bench/">AOA Test Bench</a>,
 <a class="textclr" href="http://system-controls.com/projects/the-lvdt-test-bench/">LVDT Test Bench</a>,
 <a class="textclr" href="http://system-controls.com/projects/control-column-test-bench/">Control Column Test Bench</a>,
 <a class="textclr" href="http://system-controls.com/projects/wing-loading-profile-generator/">Wing Loading Profile Generator</a>,
 <a class="textclr" href="http://system-controls.com/projects/multichannel-antialiasing-filters/">Multichannel Antialiasing Filters</a>]
```

In [22]:

```
projects=[]
for x in c:
    projects.append(x.text)
projects
```

Out[22]:

```
['Azimuth over Elevation Positioner',
 'Antenna Stabilization Unit',
 'Dual Filament Landing Light',
 'Yaw Compensator',
 'PCM Telemetry Card',
 'Rate Table',
 'Actuator Data Acquisition and Analysis System',
 'Air Data Test system',
 'AOA Test Bench',
 'LVDT Test Bench',
 'Control Column Test Bench',
 'Wing Loading Profile Generator',
 'Multichannel Antialiasing Filters']
```

In [23]:

```
import pandas as pd
```

In [24]:

```
dict={'Aerospace Projects':projects}
```

In [25]:

```
print(dict)
```

```
{'Aerospace Projects': ['Azimuth over Elevation Positioner', 'Antenna Stabilization Unit', 'Dual Filament Landing Light', 'Yaw Compensator', 'PCM Telemetry Card', 'Rate Table', 'Actuator Data Acquisition and Analysis System', 'Air Data Test system', 'AOA Test Bench', 'LVDT Test Bench', 'Control Column Test Bench', 'Wing Loading Profile Generator', 'Multichannel Antialiasing Filters']}
```

In [26]:

```
bb=pd.DataFrame(dict)
```

In [27]:

```
bb
```

Out[27]:

Aerospace Projects	
0	Azimuth over Elevation Positioner
1	Antenna Stabilization Unit
2	Dual Filament Landing Light
3	Yaw Compensator
4	PCM Telemetry Card
5	Rate Table
6	Actuator Data Acquisition and Analysis System
7	Air Data Test system
8	AOA Test Bench
9	LVDT Test Bench
10	Control Column Test Bench
11	Wing Loading Profile Generator
12	Multichannel Antialiasing Filters

In [28]:

```
bb.to_csv("syscon.csv")
```

In []:

