Pate 17/01/22 Neeraj Appari T073 SHETH L.U.J. COLLEGE OF ARTS & SIR M.V. COLLEGE OF SCIENCE & COMMERCE **Department of Computer Science** Information Retrieval Practical No-5 Aim: Write a program to implement simple Web Crowler. B) using scrappy Write-ups: Met Crawling. A web crawler is a program or automore script which browses the world wide wet in a methological rantomated manner. This process is called web Gawling or spidning. 2) BS4 bs4 - Be outiful soup is a python library for pulling data out of HTML and XML files. It works with your towarte parser to provide idiomatic ways of navigating, searching and modifying the parse 3) Scrappy - Scrapping - It gives all the took one needs to efficiently extract data from websites, process them as one wants and store them in one's preferred structure and (ode import requests from bs4 import Beautiful Saup vr1 = "https://www.facebook.com 7 = requests get (71) html (on tent = r. content



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**Department of Computer Science** 

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	anchors = Soup. find all ('a')
	anchors = Soup. find - all (a') all - links = set 0
	for link in earanchas:
	il (link get C'hret') = '#'): link get C'hret') = '#'): link get C'hret') link get C'hret')
	all_links.add (link) print (link Text)

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#print (paras)
#Get all the anchor tags from the page
anchors = soup.find_all('a')
#print (anchors)
#Get first element in the HTML page
#print(soup.find('a'))
#Get classes of any element in the HTML page
#print(soup.find('p')['class'])
#find all the elements with class lead
#print(soup.find_all("p", class_=" "))
#Get the text from the tags/soup
#print(soup.find('p').get_text())
#print(soup.get_text())
#Get all the anchor tags from the page
anchors = soup.find all('a')
#print (anchors)
all_links = set()
#Get all the links on the page
for link in anchors:
   if(link.get('href') != '#'):
     linkText = "https://www.facebook.com" +link.get('href')
     all links.add(link)
     print(linkText)
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import requests
from bs4 import BeautifulSoup
url = "http://facebook.com"
print("Neeraj Appari T073")
#get HTML
r = requests.get(url)
htmlContent=r.content
#print(htmlContent)
#parse HTML
soup= BeautifulSoup(htmlContent,'html.parser')
#print(soup.prettify)
#HTML tree traversal
#Get the title of the HTML Page
title = soup.title
#print(title)
#Get all the paragraphs from the Page
paras = soup.find_all('p')
#print (paras)
#Get all the anchor tags from the page
anchors = soup.find_all('a')
#print(anchors)
#Get first element in the HTML page
#print(soup.find('a'))
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