

```

import requests
from bs4 import BeautifulSoup

import requests

def get_parks_and_playgrounds(city):
    url = "https://overpass-api.de/api/interpreter"
    query = f"""
[out:json];
area["name"="{city}"]->.searchArea;
(
    node["leisure"="park"](area.searchArea);
    node["leisure"="playground"](area.searchArea);
    way["leisure"="park"](area.searchArea);
    way["leisure"="playground"](area.searchArea);
);
out center;
"""

    response = requests.get(url, params={"data": query})
    if response.status_code == 200:
        data = response.json()
        parks_and_playgrounds = []
        for element in data["elements"]:
            name = element.get("tags", {}).get("name", "Unnamed")
            lat = element.get("lat") or element.get("center",
{}).get("lat")
            lon = element.get("lon") or element.get("center",
{}).get("lon")
            parks_and_playgrounds.append({"name": name, "lat": lat,
"lon": lon})
        return parks_and_playgrounds
    else:
        print(f"Error: {response.status_code}")
        return None

# Example Usage
city = "Ahmedabad"
results = get_parks_and_playgrounds(city)
if results:
    print(f"Parks and Playgrounds in {city}:")
    for idx, place in enumerate(results, 1):
        print(f"{idx}. {place['name']} (Lat: {place['lat']}, Lon:
{place['lon']})")

```

Parks and Playgrounds in Ahmedabad:

1. radhe (Lat: 22.5531867, Lon: 72.1984565)
2. manegbaug (Lat: 23.0114634, Lon: 72.550513)
3. Samarpan Paltry Plots (Lat: 23.0279896, Lon: 72.5138775)
4. Picnic Party Plot (Lat: 23.0855359, Lon: 72.6489696)

5. Unnamed (Lat: 22.9831433, Lon: 72.6280301)
6. Unnamed (Lat: 23.012343, Lon: 72.5065847)
7. Akha Bhagat Chowk (Lat: 23.0224593, Lon: 72.5937037)
8. karanj bhag (Lat: 23.0242357, Lon: 72.5822747)
9. Suresh Rathod House (Lat: 22.9818173, Lon: 72.6123046)
10. park (Lat: 23.040704, Lon: 72.528048)
11. Devi Public park (Lat: 23.1082123, Lon: 72.5846963)
12. Unnamed (Lat: 23.0207266, Lon: 72.5790459)
13. Iskcon Garden (Lat: 23.0287739, Lon: 72.5062996)
14. Bhakt Kavi Narsinh Mehta Sarovar (Lat: 23.0385017, Lon: 72.5289046)
15. Law Garden (Lat: 23.0264488, Lon: 72.560956)
16. Lion Sharad Mehta Garden (Lat: 23.0449782, Lon: 72.5473439)
17. Naginawadi (Lat: 23.0053137, Lon: 72.6012282)
18. AUDA Garden (Lat: 23.0644175, Lon: 72.526213)
19. Bagban Party Plot (Lat: 23.050961, Lon: 72.4987713)
20. Morarji Desai Park (Lat: 23.0614876, Lon: 72.5825542)
21. Unnamed (Lat: 23.0795905, Lon: 72.5589791)
22. Parimal Garden (Lat: 23.020428, Lon: 72.5561304)
23. Lokmanya Tilak Garden (Victoria Garden) (Lat: 23.021148, Lon: 72.579064)
24. Rasala Nature Park (Lat: 23.0224067, Lon: 72.559329)
25. Bansidhar Garden (Lat: 23.0002104, Lon: 72.554556)
26. Unnamed (Lat: 23.0544313, Lon: 72.5983183)
27. Bhogilal Mistry (Lotikaka) Park (Lat: 23.0426458, Lon: 72.5796796)
28. Uttamnagar Garden (Lat: 22.992145, Lon: 72.606759)
29. Childrens Traffic Park (Lat: 23.0264516, Lon: 72.5791502)
30. Sukhipura Park (Lat: 23.0125313, Lon: 72.5515981)
31. Unnamed (Lat: 23.0273344, Lon: 72.5775501)
32. Unnamed (Lat: 23.047147, Lon: 72.5371205)
33. Sukan Udyan (Lat: 23.0193101, Lon: 72.5408041)
34. Trikonya Garden (Lat: 23.0253924, Lon: 72.5495025)
35. Unnamed (Lat: 23.0790516, Lon: 72.5921114)
36. Parth Public Park (Lat: 23.0140245, Lon: 72.5232868)
37. VikramNagar Park (Lat: 23.0294714, Lon: 72.5006976)
38. Football Ground (Lat: 23.0289428, Lon: 72.5025276)
39. VikramNagar Park (Lat: 23.0283967, Lon: 72.5030527)
40. VikramNagar Play Ground (Lat: 23.0287192, Lon: 72.5030664)
41. Basketball Ground (Lat: 23.0297165, Lon: 72.5039708)
42. VikramNagar Park (Lat: 23.0301277, Lon: 72.5030395)
43. VikramNagar Nursery (Lat: 23.0305444, Lon: 72.501632)
44. Volleyball Court (Lat: 23.0294366, Lon: 72.5031839)
45. Unnamed (Lat: 23.0344842, Lon: 72.5607141)
46. Unnamed (Lat: 23.0245313, Lon: 72.4687758)
47. Unnamed (Lat: 23.025598, Lon: 72.4682502)
48. Unnamed (Lat: 23.0249757, Lon: 72.4666699)
49. Unnamed (Lat: 23.0253119, Lon: 72.4689921)
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51. Unnamed (Lat: 23.0249472, Lon: 72.4657859)

52. Unnamed (Lat: 23.0251928, Lon: 72.4698653)
53. Unnamed (Lat: 23.024761, Lon: 72.4701964)
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62. Unnamed (Lat: 23.0234067, Lon: 72.4653345)
63. Unnamed (Lat: 23.0157443, Lon: 72.4702846)
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65. Unnamed (Lat: 23.0286428, Lon: 72.4651133)
66. Unnamed (Lat: 23.0254719, Lon: 72.4536011)
67. Unnamed (Lat: 23.0219778, Lon: 72.4730292)
68. Unnamed (Lat: 23.0221473, Lon: 72.461712)
69. Unnamed (Lat: 23.0312469, Lon: 72.4628429)
70. Unnamed (Lat: 23.0344768, Lon: 72.4627873)
71. Unnamed (Lat: 23.0282654, Lon: 72.4579828)
72. Unnamed (Lat: 23.0056831, Lon: 72.4553242)
73. Unnamed (Lat: 23.0063388, Lon: 72.4586599)
74. Unnamed (Lat: 23.0043485, Lon: 72.4563416)
75. Unnamed (Lat: 23.0079005, Lon: 72.4491288)
76. Unnamed (Lat: 23.00689, Lon: 72.450144)
77. Unnamed (Lat: 23.0289982, Lon: 72.4592492)
78. Unnamed (Lat: 23.0434114, Lon: 72.4639037)
79. Unnamed (Lat: 23.0250791, Lon: 72.471937)
80. Unnamed (Lat: 23.0295715, Lon: 72.5132403)
81. Ashvini Public Park (Lat: 23.0397411, Lon: 72.5199167)
82. Rohini Public Park (Lat: 23.0390263, Lon: 72.5204761)
83. Chitra Public Park (Lat: 23.0349585, Lon: 72.5218027)
84. Unnamed (Lat: 23.0370942, Lon: 72.5246937)
85. Unnamed (Lat: 23.033622, Lon: 72.515688)
86. Sandipani Park (Lat: 23.0336586, Lon: 72.5169617)
87. Unnamed (Lat: 23.0280973, Lon: 72.53088)
88. Unnamed (Lat: 23.0352096, Lon: 72.5279814)
89. Unnamed (Lat: 23.0343451, Lon: 72.5296626)
90. Unnamed (Lat: 23.0582685, Lon: 72.4840954)
91. Unnamed (Lat: 23.0445845, Lon: 72.5324871)
92. Unnamed (Lat: 23.045186, Lon: 72.5250976)
93. Unnamed (Lat: 23.0155373, Lon: 72.5209117)
94. Unnamed (Lat: 23.0034067, Lon: 72.5457228)
95. Unnamed (Lat: 23.0219398, Lon: 72.5035477)
96. Unnamed (Lat: 23.0233261, Lon: 72.5156644)
97. Unnamed (Lat: 23.0156895, Lon: 72.51626)
98. Unnamed (Lat: 23.0132596, Lon: 72.5124301)
99. Unnamed (Lat: 23.0158991, Lon: 72.513214)
100. Unnamed (Lat: 23.0183571, Lon: 72.5156935)

101. Unnamed (Lat: 23.0177624, Lon: 72.515587)
102. JBR Residency Garden (Lat: 23.0738524, Lon: 72.5112201)
103. Unnamed (Lat: 23.0189315, Lon: 72.5236727)
104. Marichi Public Park (Lat: 23.0214401, Lon: 72.5277139)
105. Unnamed (Lat: 23.0190359, Lon: 72.528145)
106. Unnamed (Lat: 23.0152507, Lon: 72.522701)
107. krupa (Lat: 22.9881045, Lon: 72.6348371)
108. Unnamed (Lat: 23.0264418, Lon: 72.4879708)
109. Unnamed (Lat: 23.0150318, Lon: 72.4872688)
110. Unnamed (Lat: 23.0250863, Lon: 72.4783231)
111. Utsav Public Park (Lat: 23.0116285, Lon: 72.515927)
112. Pancha Talav (Lat: 23.0092167, Lon: 72.5120951)
113. Unnamed (Lat: 23.0047541, Lon: 72.5023641)
114. Kankaria Football Ground (Lat: 23.0068362, Lon: 72.5969334)
115. Usmanpura Garden (Lat: 23.0474932, Lon: 72.5685547)
116. Appartment Park (Lat: 23.0775253, Lon: 72.6659135)
117. Unnamed (Lat: 23.0557872, Lon: 72.6616953)
118. Unnamed (Lat: 23.0546523, Lon: 72.6630208)
119. Unnamed (Lat: 23.0556116, Lon: 72.6629233)
120. Unnamed (Lat: 23.0579803, Lon: 72.6641608)
121. Madhuvan Green Party Plot ,Nikol (Lat: 23.0589119, Lon: 72.6718987)
122. Unnamed (Lat: 23.043856, Lon: 72.5399324)
123. Unnamed (Lat: 23.0431703, Lon: 72.5402366)
124. Unnamed (Lat: 23.0439552, Lon: 72.5407765)
125. Unnamed (Lat: 23.0423366, Lon: 72.5391448)
126. Kubernagar garden (Lat: 23.0750814, Lon: 72.6419973)
127. Unnamed (Lat: 23.0680732, Lon: 72.5768265)
128. Unnamed (Lat: 23.0682621, Lon: 72.5771795)
129. Unnamed (Lat: 23.0861599, Lon: 72.6271878)
130. Unnamed (Lat: 23.0077202, Lon: 72.5399502)
131. Municipal Garden (Lat: 23.0789629, Lon: 72.5675013)
132. Senior Citizen Park-AMC (Lat: 23.0815581, Lon: 72.5669034)
133. AMC-Garden (Lat: 23.0824005, Lon: 72.5623318)
134. AMC- Garden (Lat: 23.0809189, Lon: 72.5634564)
135. Riverfront Park (Lat: 23.0564311, Lon: 72.5822249)
136. Jethabhai Parmar Garden (Lat: 23.0489793, Lon: 72.6009296)
137. Oxygen Park (Lat: 22.9845197, Lon: 72.6293912)
138. Malav Talav (Lat: 23.0068729, Lon: 72.5396669)
139. Unnamed (Lat: 23.0554155, Lon: 72.5150396)
140. Gotila Garden Talav (Lat: 23.0398892, Lon: 72.4950941)
141. Flower Park, Sabarmati Riverfront (Lat: 23.0192148, Lon: 72.5736702)
142. Energy Park (Lat: 23.0807071, Lon: 72.4944648)
143. Life Science Park (Lat: 23.0796041, Lon: 72.4947909)
144. Botanical Garden (Lat: 23.1295185, Lon: 72.548291)
145. AMC Mahila Udyan (Lat: 23.0320184, Lon: 72.5060635)
146. Green Gym (Lat: 23.0319319, Lon: 72.5066413)
147. Unnamed (Lat: 23.0019129, Lon: 72.5120275)

148. Ecology Park (Lat: 23.046115, Lon: 72.4545627)
149. Unnamed (Lat: 23.0087608, Lon: 72.5989067)
150. Unnamed (Lat: 23.0076462, Lon: 72.5979401)
151. Unnamed (Lat: 23.0059898, Lon: 72.6051868)
152. riverfront garden (Lat: 23.0432678, Lon: 72.5724274)
153. Shree Maharshi Arvind Garden (Lat: 23.0560575, Lon: 72.5557276)
154. AUDA garden (Lat: 23.0428431, Lon: 72.5318266)
155. Uday park (Lat: 23.0408594, Lon: 72.5285771)
156. vikram park (Lat: 23.0428865, Lon: 72.5085299)
157. Ishwarbhai patel garden (Lat: 23.0721907, Lon: 72.5720288)
158. Vande mataram park (Lat: 23.0649425, Lon: 72.5692068)
159. municipal park (Lat: 23.054204, Lon: 72.5620827)
160. Prahladbhai Patel Joggers Park (Lat: 23.0435206, Lon: 72.5543813)
161. Prahladnagar Garden (Lat: 23.0129686, Lon: 72.5060966)
162. Aussizz Group Imigration Agent (Lat: 23.0484663, Lon: 72.5716479)
163. Unnamed (Lat: 22.991555, Lon: 72.6174633)
164. Unnamed (Lat: 23.0615313, Lon: 72.5254666)
165. AUDA Garden South Bopal (Lat: 23.0174945, Lon: 72.4722036)
166. Unnamed (Lat: 23.0825121, Lon: 72.6279089)
167. Unnamed (Lat: 23.0824299, Lon: 72.6288055)
168. santshree satramdas udyan (Lat: 23.0843076, Lon: 72.629419)
169. Unnamed (Lat: 23.0870526, Lon: 72.631039)
170. Shree Kaniyalal Nathuram Gurjar Park (Lat: 23.0807343, Lon: 72.6335245)
171. Unnamed (Lat: 23.0641603, Lon: 72.5945814)
172. Pragatinagar Garden (Lat: 23.0642779, Lon: 72.5564202)
173. Sardar Patel Garden (Lat: 23.068377, Lon: 72.5148566)
174. childrens park (Lat: 23.029924, Lon: 72.5242709)
175. Sundarvan (Lat: 23.0265404, Lon: 72.5210638)
176. Shaaheed vir rushikesh park (Lat: 23.0523788, Lon: 72.666465)
177. Unnamed (Lat: 22.9764348, Lon: 72.6189235)
178. Majmudar common plot (Lat: 23.0654742, Lon: 72.6342147)
179. Unnamed (Lat: 22.9842942, Lon: 72.6335769)
180. Unnamed (Lat: 22.9842733, Lon: 72.6326438)
181. Unnamed (Lat: 23.0583354, Lon: 72.3794123)
182. Unnamed (Lat: 23.0538956, Lon: 72.3822172)
183. Unnamed (Lat: 23.0573044, Lon: 72.3812013)
184. Unnamed (Lat: 23.0565454, Lon: 72.3804913)
185. Unnamed (Lat: 23.006348, Lon: 72.5082056)
186. Unnamed (Lat: 23.1027913, Lon: 72.5965671)
187. Unnamed (Lat: 23.0231555, Lon: 72.5084957)
188. AUDA garden, Gota (Lat: 23.1007229, Lon: 72.5397182)
189. Unnamed (Lat: 22.9992644, Lon: 72.5052586)
190. Dhanvantari Garden (Lat: 23.0036235, Lon: 72.5592538)
191. Unnamed (Lat: 22.9660987, Lon: 72.4214968)
192. Unnamed (Lat: 22.961891, Lon: 72.4220869)
193. Unnamed (Lat: 22.9875832, Lon: 72.3337456)
194. Unnamed (Lat: 22.9886961, Lon: 72.3390685)
195. Orchard Building park (Lat: 23.115209, Lon: 72.5539247)

196. Unnamed (Lat: 23.0231403, Lon: 72.5087212)
197. Unnamed (Lat: 23.0140009, Lon: 72.5230687)
198. Unnamed (Lat: 23.0082097, Lon: 72.5450655)
199. Harenbhai Viththalbhai Pandya Udhyan (Lat: 23.0081971, Lon: 72.5446759)
200. Shardanagar Park (Lat: 23.0101406, Lon: 72.550444)
201. Unnamed (Lat: 23.0126717, Lon: 72.5520948)
202. Popatlal Chhotalal Dani Udhyan (Lat: 23.011935, Lon: 72.5430526)
203. Unnamed (Lat: 23.0376902, Lon: 72.5297057)
204. Unnamed (Lat: 23.0352689, Lon: 72.5219003)
205. Unnamed (Lat: 23.0086248, Lon: 72.5116073)
206. Unnamed (Lat: 23.0191005, Lon: 72.5236219)
207. Vishwamitra Public Park (Lat: 23.018015, Lon: 72.5252554)
208. Unnamed (Lat: 23.0211116, Lon: 72.5276587)
209. Unnamed (Lat: 23.0203088, Lon: 72.5066087)
210. Unnamed (Lat: 23.0202235, Lon: 72.5066035)
211. Unnamed (Lat: 23.0130834, Lon: 72.5122775)
212. Unnamed (Lat: 23.0153463, Lon: 72.5227498)
213. Unnamed (Lat: 23.0251872, Lon: 72.5497369)
214. Unnamed (Lat: 23.019435, Lon: 72.5411351)
215. Vidyaben Vasant Gajendragadkar Udyan (Lat: 23.0264517, Lon: 72.5404146)
216. Chandrashekhar Azad Garden (Lat: 23.0292132, Lon: 72.5327756)
217. Unnamed (Lat: 23.0333491, Lon: 72.5172021)
218. Unnamed (Lat: 23.0394989, Lon: 72.5197865)
219. Unnamed (Lat: 23.0369211, Lon: 72.5231726)
220. Shravan Public Park (Lat: 23.037051, Lon: 72.5234395)
221. Unnamed (Lat: 23.036981, Lon: 72.5246636)
222. Unnamed (Lat: 23.0353061, Lon: 72.5279282)
223. Unnamed (Lat: 23.0343652, Lon: 72.5294335)
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225. Unnamed (Lat: 23.0291072, Lon: 72.5265)
226. Unnamed (Lat: 23.0217986, Lon: 72.5325552)
227. Unnamed (Lat: 23.0218558, Lon: 72.5323384)
228. Unnamed (Lat: 23.0155162, Lon: 72.5334941)
229. Unnamed (Lat: 23.0154651, Lon: 72.5331317)
230. Unnamed (Lat: 23.0917604, Lon: 72.5435212)
231. Chandlodiya Garden 1 (Lat: 23.0842473, Lon: 72.5532804)
232. Chandlodiya Garden 2 (Lat: 23.0840042, Lon: 72.5536627)
233. Unnamed (Lat: 23.0042787, Lon: 72.4639953)
234. Unnamed (Lat: 23.055762, Lon: 72.5436327)
235. Unnamed (Lat: 23.0624696, Lon: 72.5391787)
236. Kali Cultural Garden (Lat: 23.1073623, Lon: 72.5744435)
237. Devi Public Park (Lat: 23.1082767, Lon: 72.5847081)
238. Childrens Park (Lat: 23.1003196, Lon: 72.5826041)
239. Vivekanand Lake Park (Lat: 23.0516169, Lon: 72.5370564)
240. Chharodi Park (Lat: 23.122959, Lon: 72.5406058)
241. Unnamed (Lat: 23.0290451, Lon: 72.527776)
242. Nature Park (Lat: 23.0774135, Lon: 72.4953836)

243. Senior Citizen Park (Lat: 23.007262, Lon: 72.5475335)
244. Unnamed (Lat: 23.0683375, Lon: 72.5153785)
245. Unnamed (Lat: 23.0684047, Lon: 72.5145956)
246. Ahimsa Pavillion Ground (Lat: 23.1261883, Lon: 72.6123764)
247. Unnamed (Lat: 23.04141, Lon: 72.4583309)
248. Memnagar Park (Lat: 23.049461, Lon: 72.5424825)
249. Sarathi Public Park (Lat: 23.0512708, Lon: 72.5418616)
250. Unnamed (Lat: 23.043498, Lon: 72.5759322)
251. Unnamed (Lat: 23.0390585, Lon: 72.5202349)
252. Unnamed (Lat: 23.0074953, Lon: 72.5709602)
253. Adventure Park (Lat: 23.0263034, Lon: 72.5208898)
254. Unnamed (Lat: 23.0233432, Lon: 72.5222271)
255. Unnamed (Lat: 23.0567587, Lon: 72.582303)
256. Unnamed (Lat: 23.0569219, Lon: 72.582206)
257. Unnamed (Lat: 23.0995562, Lon: 72.5258029)
258. Greenmosphere Park (Lat: 23.0991275, Lon: 72.5267185)
259. Unnamed (Lat: 23.041118, Lon: 72.4873089)
260. Oxygen Park, Sindhu Bhavan Road (Lat: 23.041368, Lon: 72.4868461)
261. Unnamed (Lat: 23.1003617, Lon: 72.5392625)
262. Unnamed (Lat: 23.0002725, Lon: 72.5051211)
263. Ahmedabad Municipal Udhyan (Lat: 23.0000265, Lon: 72.5047459)
264. Usmanpura Gam Garden (Lat: 23.0472065, Lon: 72.5721913)
265. Jadeshwar Van (Lat: 23.0122712, Lon: 72.6623592)
266. Vastral Lake Park (Lat: 22.9995503, Lon: 72.6680589)
267. Unnamed (Lat: 23.0242541, Lon: 72.5017267)
268. AMC Udhyan (Lat: 23.0239374, Lon: 72.5016191)
269. Unnamed (Lat: 23.0287757, Lon: 72.5063051)