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IS-392

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**Assignment 2: Web Crawler**

**Seed URL #1**: <https://en.wikipedia.org/wiki/Video_game>

**Seed URL #2**: <https://en.wikipedia.org/wiki/Virtual_reality>

**Related Key Terms:**

relatedTerms = " gaming , xbox , playstation , console , jrpg , rpg , sega , nintendo , gpu , video-game , cartridge , controller , oculus , vive , halo , bungie , usb , disk , valve , pc , dualshock , gameboy , arcade , graphics , atari "

**Total Number of Crawled Documents**: 500 Pages

**Implementation:**

The program begins adding the seed URL’s in the queue list and then the while loop starts by popping the first URL in the queue. It begins to pull the HTML code from the URL with the **BeautifulSoup** constructor saved under a variable named ‘**soup’,** and then pulls the raw text from that soup with the **get\_text()** function saved under the variable **‘page\_text’**.

The next step is going through each related key term and figuring out if it shows up. The search continues until it finds at least 2 matching key terms somewhere on the **‘page\_text’.** Both the key term and the **page\_text** are converted to lower casing to avoid casing issues. If there are matches, the program pulls the title of the page, and does two things:

1. Saves the HTML of the current page as an HTML file under a subfolder named **crawled\_html\_pages**. This is done under the **save()** function that takes the HTML, and the String of a path to a subfolder with the title of the page concatenated with a HTML extension at the end of the String, as parameters and formats it into a HTML file for later reference.
2. Appends the title name and the URL link to the **savedURLList** array.

After it’s finished checking its key term search, the program begins to “scrap” all the out-going URL links in the **soup’s HTML** using the **get\_urls()** function, and begins to loop through each **out-going URL** to see if:

1. Is that out-going URL a valid URL link? (must be proven **TRUE)**
2. Has that out-going URL not been visited yet? (must be proven **TRUE**)

If it passes these conditions, it begins to add the out-going URL to the queue and the list of visited URLs. At this point, the program has finished its loop and begins to execute the while loop again, starting with the next URL on the queue until 500 pages have been downloaded and saved.

Once 500 pages have been downloaded, the while loop breaks, and the program begins to open a new file named **‘crawled\_urls.txt’** and a for loop begins to loop through each crawled URL. The crawled URL proceeds to be stripped of any non-ASCII values so there isn’t encoding issues when writing to a TXT file. Then it writes each crawled URL from the **savedURLList** array in each line of the text file until the loop is finished.

**List of the URLs belonging to the crawled pages:**

1: Video game - Wikipedia

https://en.wikipedia.org/wiki/Video\_game

2: Virtual reality - Wikipedia

https://en.wikipedia.org/wiki/Virtual\_reality

3: Pong - Wikipedia

https://en.wikipedia.org/wiki/Pong

4: National Videogame Museum - Wikipedia

https://en.wikipedia.org/wiki/National\_Videogame\_Museum

5: Arcade game - Wikipedia

https://en.wikipedia.org/wiki/Arcade\_game

6: Console game - Wikipedia

https://en.wikipedia.org/wiki/Console\_game

7: Video game console - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_console

8: Home video game console - Wikipedia

https://en.wikipedia.org/wiki/Home\_video\_game\_console

9: Electronic game - Wikipedia

https://en.wikipedia.org/wiki/Electronic\_game

10: Audio game - Wikipedia

https://en.wikipedia.org/wiki/Audio\_game

11: Handheld electronic game - Wikipedia

https://en.wikipedia.org/wiki/Handheld\_electronic\_game

12: Handheld video game - Wikipedia

https://en.wikipedia.org/wiki/Handheld\_video\_game

13: Handheld game console - Wikipedia

https://en.wikipedia.org/wiki/Handheld\_game\_console

14: Mobile game - Wikipedia

https://en.wikipedia.org/wiki/Mobile\_game

15: Online game - Wikipedia

https://en.wikipedia.org/wiki/Online\_game

16: Social-network game - Wikipedia

https://en.wikipedia.org/wiki/Social\_network\_game

17: PC game - Wikipedia

https://en.wikipedia.org/wiki/PC\_game

18: Linux gaming - Wikipedia

https://en.wikipedia.org/wiki/Linux\_gaming

19: Mac gaming - Wikipedia

https://en.wikipedia.org/wiki/Mac\_gaming

20: Video game genre - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_genre

21: Action game - Wikipedia

https://en.wikipedia.org/wiki/Action\_game

22: Beat 'em up - Wikipedia

https://en.wikipedia.org/wiki/Beat\_%27em\_up

23: Fighting game - Wikipedia

https://en.wikipedia.org/wiki/Fighting\_game

24: Platform game - Wikipedia

https://en.wikipedia.org/wiki/Platform\_game

25: Survival game - Wikipedia

https://en.wikipedia.org/wiki/Survival\_game

26: Action-adventure game - Wikipedia

https://en.wikipedia.org/wiki/Action-adventure\_game

27: Stealth game - Wikipedia

https://en.wikipedia.org/wiki/Stealth\_game

28: Survival horror - Wikipedia

https://en.wikipedia.org/wiki/Survival\_horror

29: Adventure game - Wikipedia

https://en.wikipedia.org/wiki/Adventure\_game

30: Interactive fiction - Wikipedia

https://en.wikipedia.org/wiki/Interactive\_fiction

31: Interactive movie - Wikipedia

https://en.wikipedia.org/wiki/Interactive\_movie

32: Visual novel - Wikipedia

https://en.wikipedia.org/wiki/Visual\_novel

33: Role-playing video game - Wikipedia

https://en.wikipedia.org/wiki/Role-playing\_video\_game

34: Action role-playing game - Wikipedia

https://en.wikipedia.org/wiki/Action\_role-playing\_game

35: Tactical role-playing game - Wikipedia

https://en.wikipedia.org/wiki/Tactical\_role-playing\_game

36: Simulation video game - Wikipedia

https://en.wikipedia.org/wiki/Simulation\_video\_game

37: Construction and management simulation - Wikipedia

https://en.wikipedia.org/wiki/Construction\_and\_management\_simulation

38: Life simulation game - Wikipedia

https://en.wikipedia.org/wiki/Life\_simulation\_game

39: Sports game - Wikipedia

https://en.wikipedia.org/wiki/Sports\_game

40: Strategy video game - Wikipedia

https://en.wikipedia.org/wiki/Strategy\_video\_game

41: Multiplayer online battle arena - Wikipedia

https://en.wikipedia.org/wiki/Multiplayer\_online\_battle\_arena

42: Real-time strategy - Wikipedia

https://en.wikipedia.org/wiki/Real-time\_strategy

43: Real-time tactics - Wikipedia

https://en.wikipedia.org/wiki/Real-time\_tactics

44: Massively multiplayer online game - Wikipedia

https://en.wikipedia.org/wiki/Massively\_multiplayer\_online\_game

45: Lists of video games - Wikipedia

https://en.wikipedia.org/wiki/Lists\_of\_video\_games

46: List of arcade video games - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_arcade\_video\_games

47: List of best-selling video games - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_best-selling\_video\_games

48: List of best-selling video game franchises - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_best-selling\_video\_game\_franchises

49: List of video games considered the best - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_video\_games\_considered\_the\_best

50: List of Game of the Year awards - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_Game\_of\_the\_Year\_awards

51: List of video games notable for negative reception - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_video\_games\_notable\_for\_negative\_reception

52: Video game development - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_development

53: Artificial intelligence (video games) - Wikipedia

https://en.wikipedia.org/wiki/Artificial\_intelligence\_(video\_games)

54: Game design - Wikipedia

https://en.wikipedia.org/wiki/Game\_design

55: Game programming - Wikipedia

https://en.wikipedia.org/wiki/Game\_programming

56: Level design - Wikipedia

https://en.wikipedia.org/wiki/Level\_design

57: Video game art - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_art

58: Video game graphics - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_graphics

59: Video game music - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_music

60: Display device - Wikipedia

https://en.wikipedia.org/wiki/Display\_device

61: Computer monitor - Wikipedia

https://en.wikipedia.org/wiki/Computer\_monitor

62: Video games as an art form - Wikipedia

https://en.wikipedia.org/wiki/Video\_games\_as\_an\_art\_form

63: Mainframe computer - Wikipedia

https://en.wikipedia.org/wiki/Mainframe\_computer

64: Mobile device - Wikipedia

https://en.wikipedia.org/wiki/Mobile\_device

65: Currency detector - Wikipedia

https://en.wikipedia.org/wiki/Currency\_detector

66: Amusement arcade - Wikipedia

https://en.wikipedia.org/wiki/Amusement\_arcade

67: PlayStation 4 - Wikipedia

https://en.wikipedia.org/wiki/PlayStation\_4

68: Xbox One - Wikipedia

https://en.wikipedia.org/wiki/Xbox\_One

69: Wii U - Wikipedia

https://en.wikipedia.org/wiki/Wii\_U

70: Smartphone - Wikipedia

https://en.wikipedia.org/wiki/Smartphone

71: Input device - Wikipedia

https://en.wikipedia.org/wiki/Input\_device

72: Game controller - Wikipedia

https://en.wikipedia.org/wiki/Game\_controller

73: Gamepad - Wikipedia

https://en.wikipedia.org/wiki/Gamepad

74: Joystick - Wikipedia

https://en.wikipedia.org/wiki/Joystick

75: Computer mouse - Wikipedia

https://en.wikipedia.org/wiki/Mouse\_(computing)

76: Computer keyboard - Wikipedia

https://en.wikipedia.org/wiki/Keyboard\_(computing)

77: Touchscreen - Wikipedia

https://en.wikipedia.org/wiki/Touchscreen

78: Kinect - Wikipedia

https://en.wikipedia.org/wiki/Kinect

79: Head-mounted display - Wikipedia

https://en.wikipedia.org/wiki/Head-mounted\_display

80: Headphones - Wikipedia

https://en.wikipedia.org/wiki/Headphones

81: Haptic technology - Wikipedia

https://en.wikipedia.org/wiki/Haptic\_technology

82: Haptic technology - Wikipedia

https://en.wikipedia.org/wiki/Force\_feedback

83: Peripheral - Wikipedia

https://en.wikipedia.org/wiki/Peripheral

84: Video game industry - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_industry

85: History of video games - Wikipedia

https://en.wikipedia.org/wiki/History\_of\_video\_games

86: Early history of video games - Wikipedia

https://en.wikipedia.org/wiki/Early\_history\_of\_video\_games

87: Cathode ray tube - Wikipedia

https://en.wikipedia.org/wiki/Cathode\_ray\_tube

88: OXO - Wikipedia

https://en.wikipedia.org/wiki/OXO

89: Tennis for Two - Wikipedia

https://en.wikipedia.org/wiki/Tennis\_for\_Two

90: Spacewar! - Wikipedia

https://en.wikipedia.org/wiki/Spacewar!

91: Massachusetts Institute of Technology - Wikipedia

https://en.wikipedia.org/wiki/MIT

92: PDP-1 - Wikipedia

https://en.wikipedia.org/wiki/PDP-1

93: Atari - Wikipedia

https://en.wikipedia.org/wiki/Atari

94: Digital Equipment Corporation - Wikipedia

https://en.wikipedia.org/wiki/Digital\_Equipment\_Corporation

95: Nolan Bushnell - Wikipedia

https://en.wikipedia.org/wiki/Nolan\_Bushnell

96: Game Developers Conference - Wikipedia

https://en.wikipedia.org/wiki/Game\_Developers\_Conference

97: Computer Space - Wikipedia

https://en.wikipedia.org/wiki/Computer\_Space

98: Magnavox Odyssey - Wikipedia

https://en.wikipedia.org/wiki/Magnavox\_Odyssey

99: Ralph H. Baer - Wikipedia

https://en.wikipedia.org/wiki/Ralph\_H.\_Baer

100: Atari, Inc. - Wikipedia

https://en.wikipedia.org/wiki/Atari,\_Inc.

101: Video game console - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_crash\_of\_1977

102: Taito - Wikipedia

https://en.wikipedia.org/wiki/Taito\_Corporation

103: Space Invaders - Wikipedia

https://en.wikipedia.org/wiki/Space\_Invaders

104: Golden age of arcade video games - Wikipedia

https://en.wikipedia.org/wiki/Golden\_age\_of\_arcade\_video\_games

105: Video game culture - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_culture

106: Atari 2600 - Wikipedia

https://en.wikipedia.org/wiki/Atari\_2600

107: Killer application - Wikipedia

https://en.wikipedia.org/wiki/Killer\_app

108: Second generation of video game consoles - Wikipedia

https://en.wikipedia.org/wiki/History\_of\_video\_game\_consoles\_(second\_generation)

109: Video game crash of 1983 - Wikipedia

https://en.wikipedia.org/wiki/North\_American\_video\_game\_crash\_of\_1983

110: Nintendo Entertainment System - Wikipedia

https://en.wikipedia.org/wiki/Nintendo\_Entertainment\_System

111: Third generation of video game consoles - Wikipedia

https://en.wikipedia.org/wiki/History\_of\_video\_game\_consoles\_(third\_generation)

112: Personal digital assistant - Wikipedia

https://en.wikipedia.org/wiki/PDA

113: Graphing calculator - Wikipedia

https://en.wikipedia.org/wiki/Graphing\_calculator

114: Display device - Wikipedia

https://en.wikipedia.org/wiki/Video\_monitor

115: Mod (video gaming) - Wikipedia

https://en.wikipedia.org/wiki/Mod\_(video\_gaming)

116: Xbox 360 - Wikipedia

https://en.wikipedia.org/wiki/Xbox\_360

117: Television set - Wikipedia

https://en.wikipedia.org/wiki/Television\_set

118: Composite monitor - Wikipedia

https://en.wikipedia.org/wiki/Composite\_monitor

119: Personal computer - Wikipedia

https://en.wikipedia.org/wiki/Personal\_computer

120: Xbox - Wikipedia

https://en.wikipedia.org/wiki/Xbox

121: PlayStation - Wikipedia

https://en.wikipedia.org/wiki/PlayStation

122: Nintendo - Wikipedia

https://en.wikipedia.org/wiki/Nintendo

123: Game Boy - Wikipedia

https://en.wikipedia.org/wiki/Game\_Boy

124: Light gun - Wikipedia

https://en.wikipedia.org/wiki/Light\_gun

125: Arcade cabinet - Wikipedia

https://en.wikipedia.org/wiki/Arcade\_cabinet

126: Cathode ray tube - Wikipedia

https://en.wikipedia.org/wiki/CRT\_screen

127: Amusement arcade - Wikipedia

https://en.wikipedia.org/wiki/Video\_arcade

128: Cross-platform - Wikipedia

https://en.wikipedia.org/wiki/Cross-platform

129: Tablet computer - Wikipedia

https://en.wikipedia.org/wiki/Tablet\_computer

130: Adobe Flash - Wikipedia

https://en.wikipedia.org/wiki/Adobe\_Flash

131: iOS - Wikipedia

https://en.wikipedia.org/wiki/IOS

132: Android (operating system) - Wikipedia

https://en.wikipedia.org/wiki/Android\_(operating\_system)

133: Mobile game - Wikipedia

https://en.wikipedia.org/wiki/Mobile\_gaming

134: Augmented reality - Wikipedia

https://en.wikipedia.org/wiki/Augmented\_reality

135: Microtransaction - Wikipedia

https://en.wikipedia.org/wiki/Microtransactions

136: Stereoscopy - Wikipedia

https://en.wikipedia.org/wiki/Stereoscopy

137: Computer graphics - Wikipedia

https://en.wikipedia.org/wiki/Computer\_graphics

138: PlayStation Eye - Wikipedia

https://en.wikipedia.org/wiki/PlayStation\_Eye

139: Massively multiplayer online role-playing game - Wikipedia

https://en.wikipedia.org/wiki/Massively\_multiplayer\_online\_role-playing\_game

140: Casual game - Wikipedia

https://en.wikipedia.org/wiki/Casual\_game

141: Microsoft Windows - Wikipedia

https://en.wikipedia.org/wiki/Microsoft\_Windows

142: Puzzle video game - Wikipedia

https://en.wikipedia.org/wiki/Hidden\_object

143: Puzzle video game - Wikipedia

https://en.wikipedia.org/wiki/Puzzle\_video\_game

144: Tower defense - Wikipedia

https://en.wikipedia.org/wiki/Tower\_defense

145: PopCap Games - Wikipedia

https://en.wikipedia.org/wiki/PopCap\_Games

146: Zylom - Wikipedia

https://en.wikipedia.org/wiki/Zylom

147: GameHouse - Wikipedia

https://en.wikipedia.org/wiki/GameHouse

148: PlayStation Network - Wikipedia

https://en.wikipedia.org/wiki/PlayStation\_Network

149: WiiWare - Wikipedia

https://en.wikipedia.org/wiki/WiiWare

150: Xbox Live - Wikipedia

https://en.wikipedia.org/wiki/Xbox\_Live

151: Serious game - Wikipedia

https://en.wikipedia.org/wiki/Serious\_game

152: Exergaming - Wikipedia

https://en.wikipedia.org/wiki/Exergaming

153: Microsoft Flight Simulator - Wikipedia

https://en.wikipedia.org/wiki/Microsoft\_Flight\_Simulator

154: Second Life - Wikipedia

https://en.wikipedia.org/wiki/Second\_Life

155: Massachusetts Institute of Technology - Wikipedia

https://en.wikipedia.org/wiki/Massachusetts\_Institute\_of\_Technology

156: IBM - Wikipedia

https://en.wikipedia.org/wiki/IBM

157: Newsgame - Wikipedia

https://en.wikipedia.org/wiki/Newsgame

158: Educational video game - Wikipedia

https://en.wikipedia.org/wiki/Educational\_video\_games

159: Super Nintendo Entertainment System - Wikipedia

https://en.wikipedia.org/wiki/Super\_Nintendo\_Entertainment\_System

160: PC game - Wikipedia

https://en.wikipedia.org/wiki/Personal\_computer\_game

161: Dance pad - Wikipedia

https://en.wikipedia.org/wiki/Dance\_pad

162: Digital camera - Wikipedia

https://en.wikipedia.org/wiki/Digital\_camera

163: Motion controller - Wikipedia

https://en.wikipedia.org/wiki/Motion\_controller

164: Video game development - Wikipedia

https://en.wikipedia.org/wiki/Game\_development

165: Video game industry - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_industry\_practices

166: Virtual camera system - Wikipedia

https://en.wikipedia.org/wiki/Virtual\_camera\_system

167: Video game developer - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_developer

168: Video game programmer - Wikipedia

https://en.wikipedia.org/wiki/Game\_programmer

169: Game design - Wikipedia

https://en.wikipedia.org/wiki/Game\_designer

170: Random-access memory - Wikipedia

https://en.wikipedia.org/wiki/RAM

171: Personal digital assistant - Wikipedia

https://en.wikipedia.org/wiki/PDAs

172: Downloadable content - Wikipedia

https://en.wikipedia.org/wiki/Downloadable\_content

173: Digital distribution - Wikipedia

https://en.wikipedia.org/wiki/Digital\_distribution

174: Rockstar Games - Wikipedia

https://en.wikipedia.org/wiki/Rockstar\_Games

175: Grand Theft Auto IV - Wikipedia

https://en.wikipedia.org/wiki/Grand\_Theft\_Auto\_IV

176: Grand Theft Auto IV The Lost and Damned - Wikipedia

https://en.wikipedia.org/wiki/Grand\_Theft\_Auto:\_The\_Lost\_and\_Damned

177: Grand Theft Auto The Ballad of Gay Tony - Wikipedia

https://en.wikipedia.org/wiki/Grand\_Theft\_Auto:\_The\_Ballad\_of\_Gay\_Tony

178: Fallout 3 - Wikipedia

https://en.wikipedia.org/wiki/Fallout\_3

179: Fallout 3 downloadable content - Wikipedia

https://en.wikipedia.org/wiki/Fallout\_3\_downloadable\_content

180: Call of Duty - Wikipedia

https://en.wikipedia.org/wiki/Call\_of\_Duty

181: Metro Last Light - Wikipedia

https://en.wikipedia.org/wiki/Metro:\_Last\_Light

182: Dead Space (series) - Wikipedia

https://en.wikipedia.org/wiki/Dead\_Space\_(series)

183: Just Cause 2 - Wikipedia

https://en.wikipedia.org/wiki/Just\_Cause\_2

184: LittleBigPlanet - Wikipedia

https://en.wikipedia.org/wiki/LittleBigPlanet

185: Minecraft - Wikipedia

https://en.wikipedia.org/wiki/Minecraft

186: SingStar - Wikipedia

https://en.wikipedia.org/wiki/SingStar

187: Rock Band - Wikipedia

https://en.wikipedia.org/wiki/Rock\_Band

188: Guitar Hero - Wikipedia

https://en.wikipedia.org/wiki/Guitar\_Hero

189: Expansion pack - Wikipedia

https://en.wikipedia.org/wiki/Expansion\_pack

190: Bungie - Wikipedia

https://en.wikipedia.org/wiki/Bungie

191: Destiny (video game) - Wikipedia

https://en.wikipedia.org/wiki/Destiny\_(video\_game)

192: Destiny Rise of Iron - Wikipedia

https://en.wikipedia.org/wiki/Destiny:\_Rise\_of\_Iron

193: Ubisoft - Wikipedia

https://en.wikipedia.org/wiki/Ubisoft

194: Assassin's Creed IV Black Flag - Wikipedia

https://en.wikipedia.org/wiki/Assassin%27s\_Creed\_IV:\_Black\_Flag

195: Mod (video gaming) - Wikipedia

https://en.wikipedia.org/wiki/Mod\_(computer\_gaming)

196: id Software - Wikipedia

https://en.wikipedia.org/wiki/Id\_Software

197: Valve Corporation - Wikipedia

https://en.wikipedia.org/wiki/Valve\_Corporation

198: Crytek - Wikipedia

https://en.wikipedia.org/wiki/Crytek

199: Bethesda Softworks - Wikipedia

https://en.wikipedia.org/wiki/Bethesda\_Softworks

200: Epic Games - Wikipedia

https://en.wikipedia.org/wiki/Epic\_Games

201: Blizzard Entertainment - Wikipedia

https://en.wikipedia.org/wiki/Blizzard\_Entertainment

202: Half-Life (video game) - Wikipedia

https://en.wikipedia.org/wiki/Half-Life\_(video\_game)

203: Counter-Strike (video game) - Wikipedia

https://en.wikipedia.org/wiki/Counter-Strike\_(video\_game)

204: Cheating in video games - Wikipedia

https://en.wikipedia.org/wiki/Cheating\_(video\_games)

205: Cheating in video games - Wikipedia

https://en.wikipedia.org/wiki/Cheat\_codes

206: Cheat cartridge - Wikipedia

https://en.wikipedia.org/wiki/Cheat\_cartridge

207: Glitch - Wikipedia

https://en.wikipedia.org/wiki/Glitch

208: Easter egg (media) - Wikipedia

https://en.wikipedia.org/wiki/Easter\_egg\_(media)

209: Game studies - Wikipedia

https://en.wikipedia.org/wiki/Game\_studies

210: Game studies - Wikipedia

https://en.wikipedia.org/wiki/Ludology

211: Tron - Wikipedia

https://en.wikipedia.org/wiki/Tron

212: The Last Starfighter - Wikipedia

https://en.wikipedia.org/wiki/The\_Last\_Starfighter

213: Tomb Raider - Wikipedia

https://en.wikipedia.org/wiki/Tomb\_Raider

214: Lara Croft - Wikipedia

https://en.wikipedia.org/wiki/Lara\_Croft

215: Video game console emulator - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_console\_emulator

216: Project64 - Wikipedia

https://en.wikipedia.org/wiki/Project64

217: Nintendo 64 - Wikipedia

https://en.wikipedia.org/wiki/Nintendo\_64

218: Star Fox 64 - Wikipedia

https://en.wikipedia.org/wiki/Star\_Fox\_64

219: Windows 8 - Wikipedia

https://en.wikipedia.org/wiki/Windows\_8

220: ROM hacking - Wikipedia

https://en.wikipedia.org/wiki/ROM\_hacking

221: Fan translation of video games - Wikipedia

https://en.wikipedia.org/wiki/Fan\_translation\_of\_video\_games

222: Virtual Console - Wikipedia

https://en.wikipedia.org/wiki/Virtual\_Console

223: Wii - Wikipedia

https://en.wikipedia.org/wiki/Wii

224: Nintendo 3DS - Wikipedia

https://en.wikipedia.org/wiki/Nintendo\_3DS

225: Microsoft - Wikipedia

https://en.wikipedia.org/wiki/Microsoft

226: Sony - Wikipedia

https://en.wikipedia.org/wiki/Sony

227: PlayStation 2 - Wikipedia

https://en.wikipedia.org/wiki/PlayStation\_2

228: Bleem! - Wikipedia

https://en.wikipedia.org/wiki/Bleem!

229: Gamer - Wikipedia

https://en.wikipedia.org/wiki/Gamer

230: First-person shooter - Wikipedia

https://en.wikipedia.org/wiki/First-person\_shooter

231: Women and video games - Wikipedia

https://en.wikipedia.org/wiki/Women\_and\_video\_games

232: Entertainment Software Association - Wikipedia

https://en.wikipedia.org/wiki/Entertainment\_Software\_Association

233: Gaymer - Wikipedia

https://en.wikipedia.org/wiki/Gaymer

234: New media - Wikipedia

https://en.wikipedia.org/wiki/New\_media

235: Multiplayer video game - Wikipedia

https://en.wikipedia.org/wiki/Multiplayer\_video\_game

236: eSports - Wikipedia

https://en.wikipedia.org/wiki/Esports

237: Social media - Wikipedia

https://en.wikipedia.org/wiki/Social\_media

238: Multiplayer video game - Wikipedia

https://en.wikipedia.org/wiki/Multiplayer\_video\_games

239: eSports - Wikipedia

https://en.wikipedia.org/wiki/Electronic\_Sports

240: Hotseat (multiplayer mode) - Wikipedia

https://en.wikipedia.org/wiki/Hotseat\_(multiplayer\_mode)

241: Multitap - Wikipedia

https://en.wikipedia.org/wiki/Multitap

242: Commodore International - Wikipedia

https://en.wikipedia.org/wiki/Commodore\_International

243: MUD - Wikipedia

https://en.wikipedia.org/wiki/MUD

244: Eve Online - Wikipedia

https://en.wikipedia.org/wiki/Eve\_Online

245: Video game controversies - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_behavioral\_effects

246: Monopoly (game) - Wikipedia

https://en.wikipedia.org/wiki/Monopoly\_(game)

247: HUD (video gaming) - Wikipedia

https://en.wikipedia.org/wiki/HUD\_(computer\_gaming)

248: Tetris - Wikipedia

https://en.wikipedia.org/wiki/Tetris

249: Video game controversies - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_controversies

250: Advertising in video games - Wikipedia

https://en.wikipedia.org/wiki/Advergaming

251: Video game addiction - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_addiction

252: Video games as an art form - Wikipedia

https://en.wikipedia.org/wiki/Games\_as\_art

253: Video game content rating system - Wikipedia

https://en.wikipedia.org/wiki/Video\_game\_content\_rating\_system

254: Rabbids Go Home - Wikipedia

https://en.wikipedia.org/wiki/Rabbids\_Go\_Home

255: Entertainment Software Rating Board - Wikipedia

https://en.wikipedia.org/wiki/Entertainment\_Software\_Rating\_Board

256: Manhunt 2 - Wikipedia

https://en.wikipedia.org/wiki/Manhunt\_2

257: PC game - Wikipedia

https://en.wikipedia.org/wiki/PC\_games

258: Browser game - Wikipedia

https://en.wikipedia.org/wiki/Browser-based\_game

259: Personal digital assistant - Wikipedia

https://en.wikipedia.org/wiki/Personal\_digital\_assistant

260: Federal Department for Media Harmful to Young Persons - Wikipedia

https://en.wikipedia.org/wiki/Bundespr%C3%BCfstelle\_f%C3%BCr\_jugendgef%C3%A4hrdende\_Medien

261: Free-to-play - Wikipedia

https://en.wikipedia.org/wiki/Free-to-play

262: Social-network game - Wikipedia

https://en.wikipedia.org/wiki/Social\_games

263: Golden age of arcade video games - Wikipedia

https://en.wikipedia.org/wiki/Golden\_age\_of\_video\_arcade\_games

264: Video gaming in Japan - Wikipedia

https://en.wikipedia.org/wiki/Video\_gaming\_in\_Japan

265: Video gaming in South Korea - Wikipedia

https://en.wikipedia.org/wiki/Video\_gaming\_in\_South\_Korea

266: List of gaming conventions - Wikipedia

https://en.wikipedia.org/wiki/List\_of\_gaming\_conventions

267: Gamescom - Wikipedia

https://en.wikipedia.org/wiki/Gamescom

268: Gaming convention - Wikipedia

https://en.wikipedia.org/wiki/Gaming\_convention

269: Electronic Entertainment Expo - Wikipedia

https://en.wikipedia.org/wiki/Electronic\_Entertainment\_Expo

270: Tokyo Game Show - Wikipedia

https://en.wikipedia.org/wiki/Tokyo\_Game\_Show

271: Brasil Game Show - Wikipedia

https://en.wikipedia.org/wiki/Brasil\_Game\_Show

272: EB Games Expo - Wikipedia

https://en.wikipedia.org/wiki/EB\_Games\_Expo

273: BlizzCon - Wikipedia

https://en.wikipedia.org/wiki/BlizzCon

274: QuakeCon - Wikipedia

https://en.wikipedia.org/wiki/QuakeCon

275: Nvision - Wikipedia

https://en.wikipedia.org/wiki/Nvision

276: X (Xbox show) - Wikipedia

https://en.wikipedia.org/wiki/X\_(Xbox\_show)

277: eSports - Wikipedia

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