

Angular HTTP client assignment

Create an Angular application for a gaming application using from any HTTP server like JSON SERVER, NODE JS or any other java API servers to perform HTTP method operations

- Add HttpClientModule to the imports array of one of the applications Angular Modules
- Import what is needed for the data service
- Define a dependency for the http client service using the constructor
- Create a method for each http request type you would like to use
- Call the http method(s) as needed (for example GET)
- Use Generics to specify the return type
- Call the subscribe method of the returned observable
- Create a function to handle emitted items
- Assign property data to returned JSON object
- Create a function to handle errors

Sample JSON data is given as following

```
[
  {
    "gameId": 1,
    "gameName": "Castlevania",
    "gameCode": "AAA-0101",
    "releaseDate": "September 26, 1986",
    "description": "Action-adventure game series created and developed by Konami.",
    "price": 19.99,
    "thumbRating": 5,
    "imageUrl": "./assets/images/castlevania.png"
  },
  {
    "gameId": 2,
    "gameName": "Dr Mario",
    "gameCode": "AAA-1100",
    "releaseDate": "July 27, 1990",
    "description": "Action puzzle game produced by Gunpei Yokoi and published by Nintendo.",
    "price": 15.99,
    "thumbRating": 3,
    "imageUrl": "./assets/images/drmario.png"
  },
  {
    "gameId": 3,
    "gameName": "Kid Icarus",
    "gameCode": "AAA-0048",
    "releaseDate": "December 19, 1986",
    "description": "Kid Icarus revolves around protagonist Pit's quest for three sacred treasures.",
    "price": 20.99,
    "thumbRating": 4,
```

```

    "imageUrl": "./assets/images/kidicarus.png"
  },
  {
    "gameId": 4,
    "gameName": "Legend Of Zelda",
    "gameCode": "AAA-0049",
    "releaseDate": "February 21, 1986",
    "description": "Link is often given the task of rescuing Princess Zelda and the kingdom of Hyrule from Ganon.",
    "price": 29.95,
    "thumbRating": 5,
    "imageUrl": "./assets/images/legendofzelda.png"
  },
  {
    "gameId": 5,
    "gameName": "Mega Man",
    "gameCode": "AAA-1042",
    "releaseDate": "December 17, 1987",
    "description": "Mega Man is an android originally named Rock, created as a lab assistant by the scientist Dr. Light.",
    "price": 15.95,
    "thumbRating": 4.5,
    "imageUrl": "./assets/images/megaman.png"
  },
  {
    "gameId": 6,
    "gameName": "Metroid",
    "gameCode": "AAA-4511",
    "releaseDate": "August 6, 1986",
    "description": "Metroid follows space-faring bounty hunter Samus Aran, who protects the galaxy from the Space Pirates.",
    "price": 10.95,
    "thumbRating": 3,
    "imageUrl": "./assets/images/metroid.png"
  },
  {
    "gameId": 7,
    "gameName": "Super Mario Bros",
    "gameCode": "AAA-3325",
    "releaseDate": "September 13, 1985",
    "description": "Mario finds power-ups and items that give him special magic powers such as fireball-throwing and size-changing into giant and miniature sizes.",
    "price": 40.95,
    "thumbRating": 5,
    "imageUrl": "./assets/images/supermariobros.png"
  }
]

```

Refer the below screen and design the same in Angular. Images can be searched in internet and place in assets/images folder for easy accessibility.






































AngularGames

localhost:4200/games

Angular Games Viewer

Dynamic! Game List

Type to filter

<div>Hide Image</div>	Game	Part#	Release Date	Cost	5 Thumb Rating
	Castlevania	aaa-0101	September 26, 1986	\$19.99	    
	Dr Mario	aaa-1100	July 27, 1990	\$15.99	  
	Kid Icarus	aaa-0048	December 19, 1986	\$20.99	   
	Legend Of Zelda	aaa-0049	February 21, 1986	\$29.95	    
	Mega Man	aaa-1042	December 17, 1987	\$15.95	    
	Metroid	aaa-4511	August 6, 1986	\$10.95	  
	Super Mario Bros	aaa-3325	September 13, 1985	\$40.95	    

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