

## Service

```
import { Injectable } from "@angular/core";
import { HttpClient } from "@angular/common/http";
import { Observable } from "rxjs";
```

```
@Injectable({
  providedIn: 'root'
})
```

```
export class NasaAPIService
```

```
{
  constructor(private http: HttpClient){
  }
  nasaMarsApiUrl =
'https://api.nasa.gov/mars-photos/api/v1/rovers/curiosity/photos?sol=1000&api_key=DEMO_KEY';
  GetData():Observable<any>{
    return this.http.get<any>(this.nasaMarsApiUrl);
  }
}
```

## Component

```
import { Component, OnInit } from '@angular/core';
import { NasaAPIService } from '../services/nasaapi.service';
```

```
@Component({
  selector: 'app-nasa',
  templateUrl: './nasa.component.html',
  styleUrls: ['./nasa.component.css']
})
```

```
export class NasaComponent implements OnInit {
```

```
  constructor(private data: NasaAPIService) { }
```

```
  responseObject:any = {
    photos:[]
  };

```

```
  ngOnInit(): void {
    this.data.GetData().subscribe(obj => this.responseObject = obj);
  }
}
```

```
}
```

HTML

```
<div class="container-fluid">  
  <h2>Mars Rower Photos</h2>  
  <div class="box">  
    <div class="card w-25" *ngFor="let item of responseObject.photos">  
      <img class="card-img-top" height="150" [src]="item.img_src">  
      <div class="card-header">  
        <h2>Photo Id - {{item.id}}</h2>  
      </div>  
    </div>  
  </div>  
</div>
```