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RestClient:

create a Bean of RestClient

```
RestClient.getForObject(url,className,EntityName);
```

WebClient:

Create WebClient builder bean(WebClient.Builder)

```
WebClient.build.get('url').retrieve.bodyToMono(className)
```

OpenFeign:

create interface of the service you want to access

```
@FeignClient(name = "BOOKSSERVICE")
```

```
public interface FeignInterface
```

```
{  
    @GetMapping("/books/getbookbyname/{bookName}")  
    public Book getBook(@PathVariable("bookName")String bookName);  
}
```

Eureka Server :

```
@EnableEurekaServer(In mainClass)
```

(Configuration should be done in all the services)

Application.properties :

```
eureka.client.register-with-eureka=false
```

```
eureka.client.fetch-registry=false
```

Api Gateway :

create a bean of an RouteLocator :

```
@Bean
```

```
public RouteLocator routeLocator(RouteLocatorBuilder builder)  
{  
    return builder.routes()  
        .route("ORDERSERVICE",r->r.path("/order")  
            .uri("http://ORDERSERVICE"))  
        .build();  
}
```

application.properties

```
eureka.client.service-url.defaultZone=http://localhost:8761/eureka/(eureka server configuration)
```

```
spring.cloud.gateway.discovery.locator.enabled=true
```