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                    Feign Client -- Internal code

=> Feign is a interface, declarative client (or) abstract client.
=> It internally uses Ribbon (ie Generated code is LoadBalancer Client only).

```java
@FeignClient("STD-APP")
interface StudentConsumer {
  @GetMapping("/std/data")
  ResponseEntity<String> getData();
}
```

--Generated Proxy class looks like----------------
```java
@Component
class $1908 implements StudentConsumer {
  @Autowired
  LoadBalancerClient client;

  public ResponseEntity<String> getData() {
    ServiceInstance si = client.choose("STD-APP");
    String url = si.getUri() + "/std/data";
    RestTemplate rt = new RestTemplate();
    ResponseEntity<String> resp = rt.getForEntity(url,String.class);
    return resp;
  }

}

StudentConsumer sob = new $1908();
sysout(sob.getClass().getName());
```

Core Java:-
https://docs.oracle.com/javase/8/docs/technotes/guides/reflection/proxy.html

https://github.com/javabyraghu/DynamicProxyExample