func describe_toucchtech() -> String

let description = 'Touchtech payments is a financial technology start-up that specialises in online transaction authentication. Touchtech provides credit card issuers, such as banks, the ability to offer their customers more secure and user-experience focused authentication methods as an alternative to outdated and cumbersome methods such as Verified by Visa and MasterCard SecureCode.'

return description

---

Responsibilities

- Design, build, and deploy an Access Control Server (ACS) conforming to 3DS protocol
- Help company become PCI compliant
- Perform unit and end-to-end testing of applications
- Continue the development of the existing iOS app

What did you do/learn?

- Passed Visa compliance testing for ACS accreditation
- Became PCI compliant
- PHP 7, Jira, PHPUnit, AWS
- Architecting Micro-services
- Test-driven development
- Secure coding practices

Opportunities

- Attend OWASP talks to enhance security knowledge
- Pitch product to large organisations (AIB, PwC, Realex, Enterprise Ireland)
- Exposure to business aspect of company (Marketing, Regulation, Competition Analysis)
- Patent work

Useful Knowledge

- Security and secure coding practices
- Testing methodologies
- Large-scale application design