Security Pointers Inside Open-Source Software Projects (PART 1)

Informed Consent

Thank you for your interest!
This online survey is part of an empirical study conducted by the ▓▓▓▓▓▓▓▓
▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓. The goal of this study is to
gain insights into the security practices of software developers in Open-Source Software
(OSS) projects. Particularly, regarding the incorporation of security pointers inside software
artifacts such as commit messages, pull requests, issue reports, and code comments. The
study is divided in two parts (<u>rewarded separately</u>) and should take around 10 min.
altogether.

<u>PART 1</u>: Technical Assessment (**0.2 GBP reward**)
- It consists of 3 generic questions about programming.
- It takes around 2 min.
- Your answers will determine **if you meet our criteria** to undergo the 2nd part of the study.
- If you meet our participation criteria, you will be **invited to take the second part** of the survey.

<u>PART 2</u>: Main Survey (**1.05 GBP reward**)
- A set of questions and scenarios that you must assess and should take around 8 min.

<u>IMPORTANT</u>:
1. To participate in this study you must be at least 18 years old
2. Please read the **Participant Information Sheet** before starting with the survey. The sheet can be accessed via this link: ▓▓▓▓▓

If you would like to proceed with the **Technical Assessment** (**PART 1**), please answer the
following questions by placing a check mark accordingly.
Please choose **all** that apply:
- I am age 18 or older
- I have read and understood the Participant Information Sheet
- I agree to participate in this research and I want to continue with the survey

SCREENING

1) Have you ever contributed to Open-Source Software (OSS) or Repositories? *
- YES
- NO

2) Please look at the code snippet bellow to answer the questions that follow

```
main{
  print(func("hello world"))
}

String func(String in){
    int x = len(in)
    String out = ""
    for(int i = x-1; i >= 0; i--){
        out.append(in[i])
    }
    return out
}
```

2.1) What is the parameter of the function? *
Please choose **only one** of the following:
- String out
- String in
- I don't know
- int i=x-1
- i>=0
- i--
- Outputing a String
- int x=len(i)

2.2) Please select the returned value of the pseudocode above *
Please choose **only one** of the following:
- hello world
- hello world 10
- dlrow olleh
- world hello
- HELLO WORLD
- I dont't know
- hello world hello world hello world hello world