Unti Test Cases

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| --- | --- | --- | --- |
| Preconditions | Input | Output or Result | Test result |
| Program running, console output:  "Please enter a username on GitHub:" | zhouyanjun1208 | There are 9 public repositories.  -----------------------------------  -halloHA  .a-b-c-d-e-f-  9test  ahaha  Bee  hello-word  Zaa  ZZA  zzz  Do you want to query another username? y:Yes or any key:No | Pass |
| Delete the repository named zzz from user zhouyanjun1208.  Program running, console output:  "Please enter a username on GitHub:" | zhouyanjun1208 | There are 9 public repositories.  -----------------------------------  -halloHA  .a-b-c-d-e-f-  9test  ahaha  Bee  hello-word  Zaa  ZZA  Do you want to query another username? y:Yes or any key:No | Pass |
| Add a repository named aaa to user zhouyanjun1208.  Program running, console output:  "Please enter a username on GitHub:" | zhouyanjun1208 | There are 9 public repositories.  -----------------------------------  -halloHA  .a-b-c-d-e-f-  9test  aaa  ahaha  Bee  hello-word  Zaa  ZZA  Do you want to query another username? y:Yes or any key:No | Pass |
| Modify the repository named aaa of user zhouyanjun1208 to zzz. Program running, console output:  "Please enter a username on GitHub:" | zhouyanjun1208 | There are 9 public repositories.  -----------------------------------  -halloHA  .a-b-c-d-e-f-  9test  ahaha  Bee  hello-word  Zaa  ZZA  zzz  Do you want to query another username? y:Yes or any key:No | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | - | There are 1 public repositories.  -----------------------------------  test  Do you want to query another username? y:Yes or any key:No | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | a- | There are 0 public repositories.  -----------------------------------  Do you want to query another username? y:Yes or any key:No | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | a-1 | There are 5 public repositories.  -----------------------------------  angular-2-starter  jai-ganesh  shopping-guru  zingy-api  zingy-app  Do you want to query another username? y:Yes or any key:No | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | -1 | Username does not exist! Please check your username.  Do you want to query another username? y:Yes or any key:No  Log exception details in the Exception.log. | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | -- | Username does not exist! Please check your username.  Do you want to query another username? y:Yes or any key:No  Log exception details in the Exception.log. | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa | Username does not exist! Please check your username.  Do you want to query another username? y:Yes or any key:No  Log exception details in the Exception.log. | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | # | Username is illegal. Please enter again: | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | !@$asdf | Username is illegal. Please enter again: | Pass |
| Program running, console output:  "Username is illegal. Please enter again: " | 5235!@# | Username is illegal. Please enter again: | Pass |
| Program running, console output:  "Username is illegal. Please enter again: " | zyj | There are 3 public repositories.  -----------------------------------  spring  TeamTalk  test  Do you want to query another username? y:Yes or any key:No | Pass |
| Unable to connect to internet. Program running, console output:  "Please enter a username on GitHub:" | zyj | Please check your network connection.  Do you want to query another username? y:Yes or any key:No | Pass |
| Program running, console output:  "Do you want to query another username? y:Yes or any key:No  " | y | Please enter a username on GitHub: | Pass |
| Program running, console output:  "Do you want to query another username? y:Yes or any key:No  " | n | Exit the program. | Pass |
| Program running, console output:  "Please enter a username on GitHub:" | GoogleChromeLabs | There are 93 public repositories.  -----------------------------------  a11ycasts  affilicats  airhorn  application-shell  appr-wrapper  audioworklet-polyfill  carlo  chromeos\_network\_file\_share  chromeos\_smart\_card\_connector  clooney  cm-api-shim  comlink  comlink-loader  confluence  credential-management-sample  critters  cronet-sample  css-paint-polyfill  css-triggers  current-versions  discovery  FastPageLoadDemo  feature-policy-demos  file-drop  first-input-delay  flyhome  go-hackernews  google-sign-in  gulliver  houdini-samples  howto-components  http2-push-manifest  http2push-gae  idlize  imagecapture-polyfill  jsbi  jscost.org  jsvu  MiniMobileDeviceLab  multi-panel  ndb  observables-with-streams  page-lifecycle  payment-request-shim  performance-game  picture-in-picture-chrome-extension  pinch-zoom  pointer-tracker  pptr.dev  pptraas.com  pr-bot  preload-webpack-plugin  prerender-loader  presentation-api-samples  progressive-tooling  ProgressiveWordPress  ProjectVisBug  puppeteer-examples  pwacompat  range-input  react-shrine  rowing-monitor  sample-currency-converter  sample-media-pwa  sample-pie-shop  samples-module-loading-comparison  selenium-assistant  shadow-selection-polyfill  simplehttp2server  size-plugin  snapshot  so-pwa  squoosh  sw-precache  sw-testing-helpers  sw-toolbox  tasklets  text-app  text-encode-transform-polyfill  timezone-app  tti-polyfill  two-up  ui-element-samples  W3CSnippets  wasm-av1  wasm-jpeg-ijg  web-audio-samples  web-push-codelab  web-push-testing-service  webidl-diff  webpack-libs-optimizations  webpack-training-project  worker-plugin  Do you want to query another username? y:Yes or any key:No | Pass |

Note: Some of the valid usernames are not created by me. So the number and names of their public repositories may have been changed.