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Tutorial para conectar GitHub ao Oracle SQL Developer

Pré requisitos:

- Ter uma conta o GitHub
- Criar um diretório local
- Criar um repositório Público no GitHub
- Ter Oracle SQL Developer Instalado localmente
- Gerar um token valído para conexão de API no GitHub

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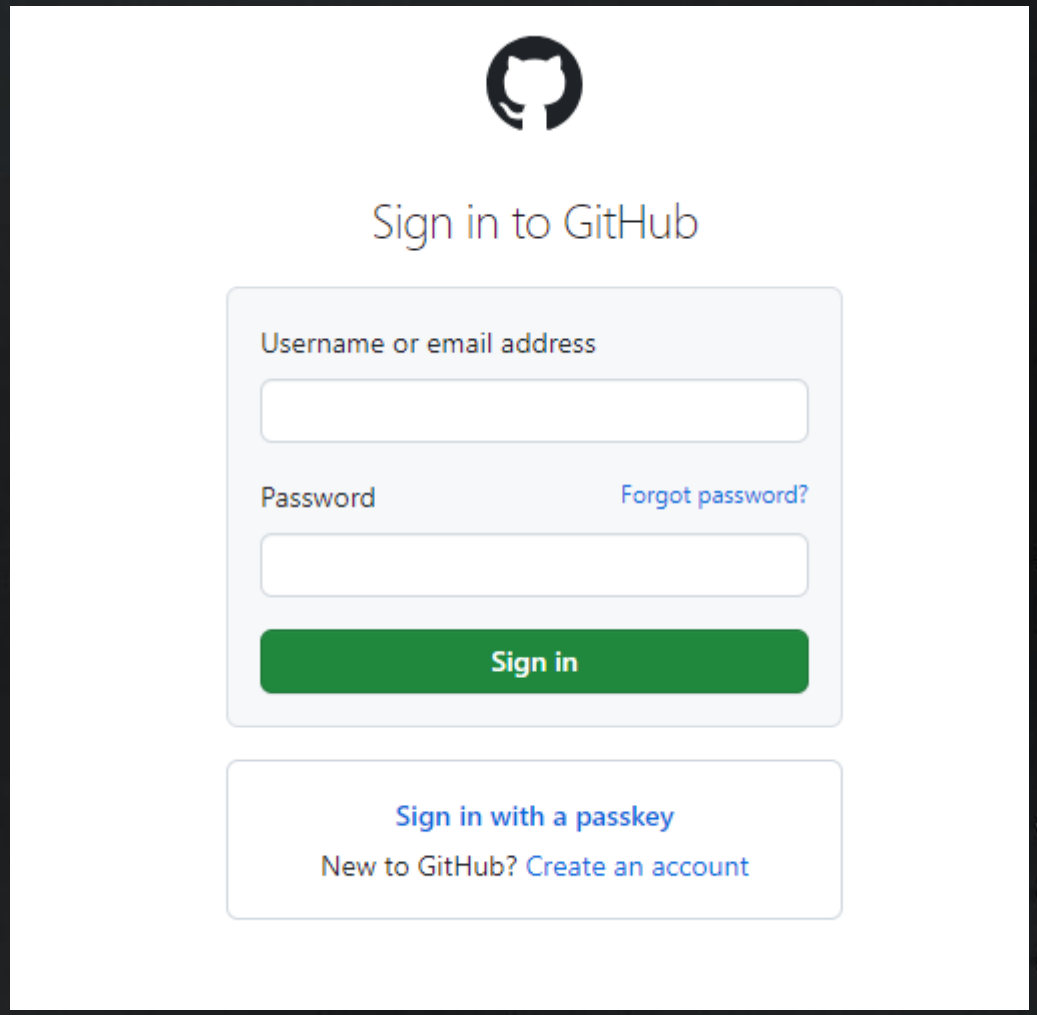
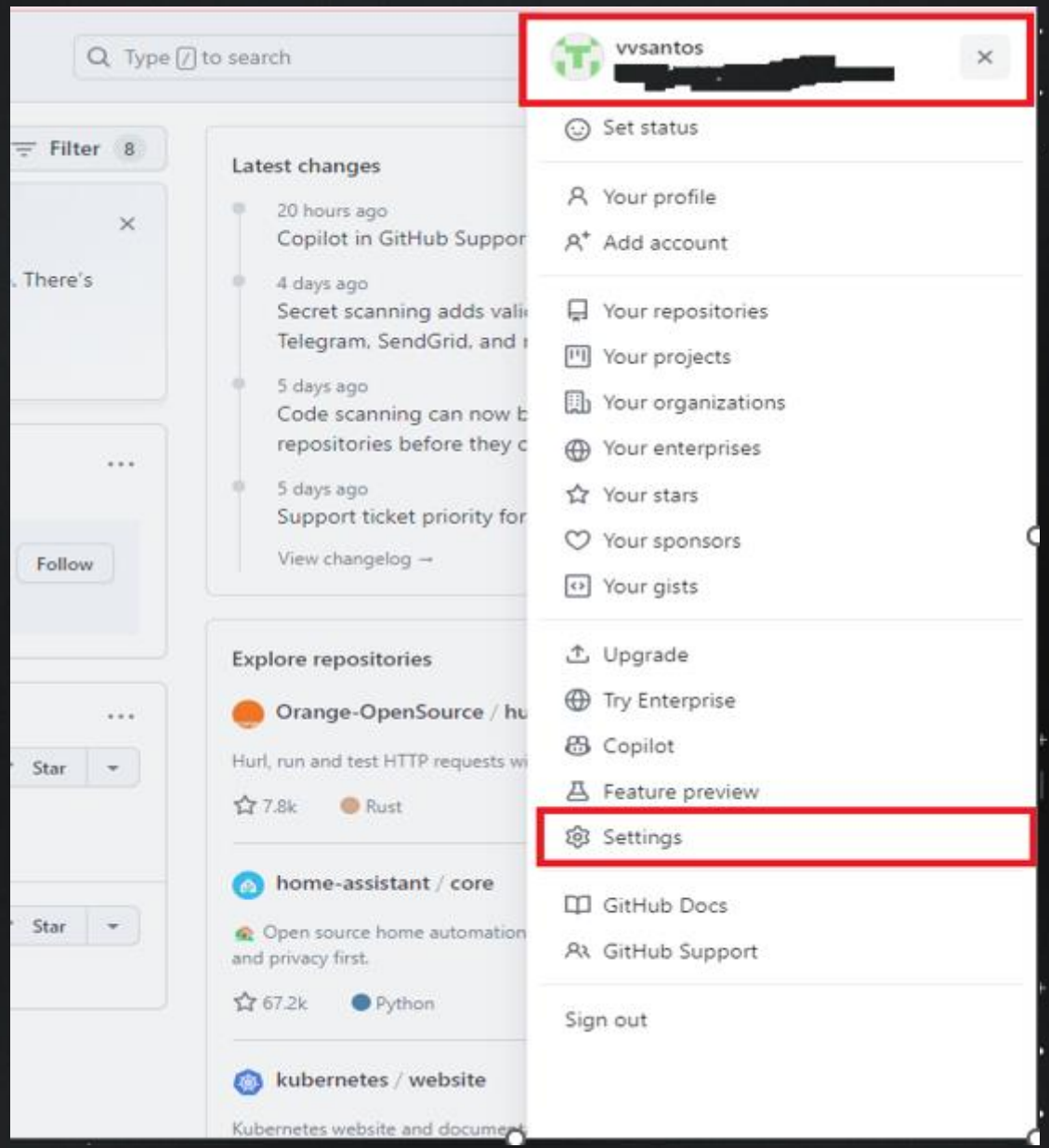
Para que o Oracle Developer possa conectar no GitHub e ter permissão de realizar commit e push é necessário criar um token, então nosso primeiro passo é gerar o token no Git.

Logue com seu usuário e senha no site: https://github.com/login

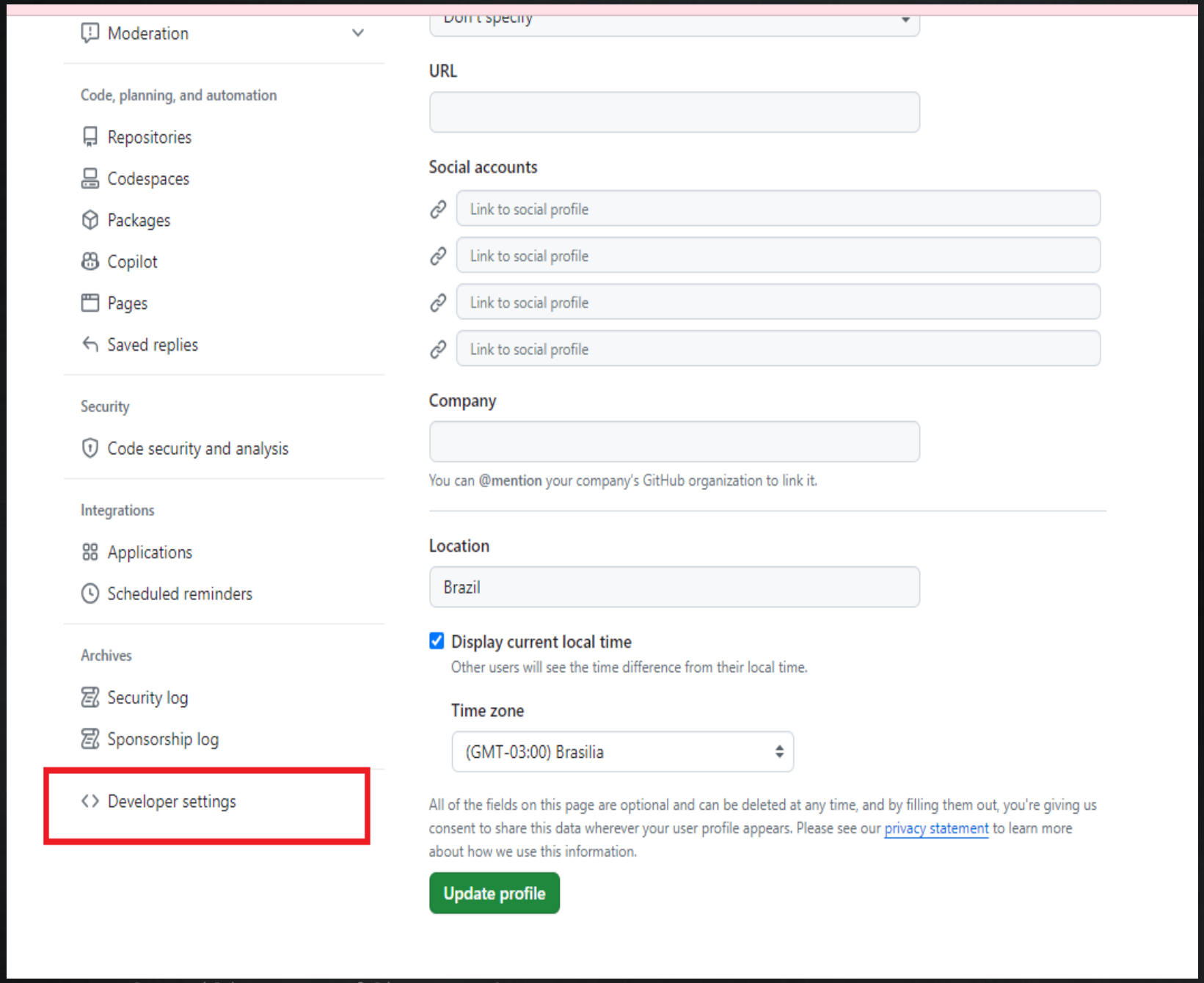


Clique no ícone do seu nome no canto superior direito e role a barra de rolagem até o final da página e clique em Settings



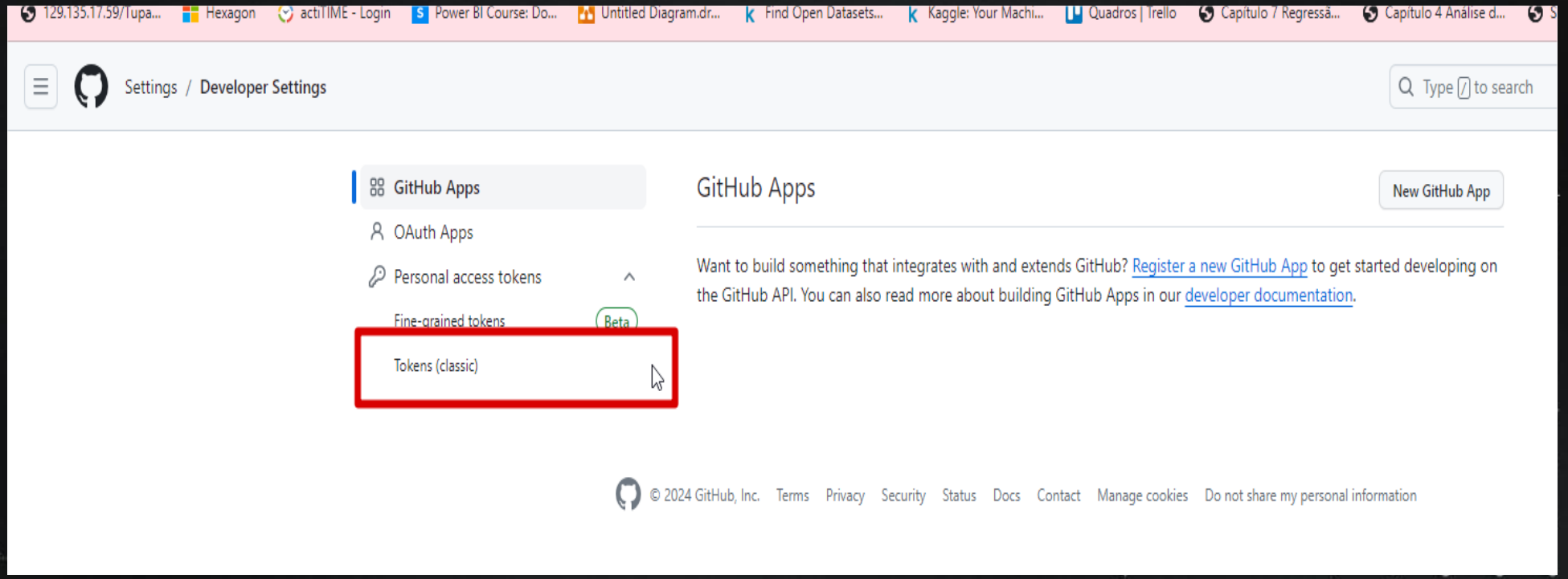
Do lado esquerdo da janela seguinte desça a barra de rolagem e cliquem em:

<> Developer Settings



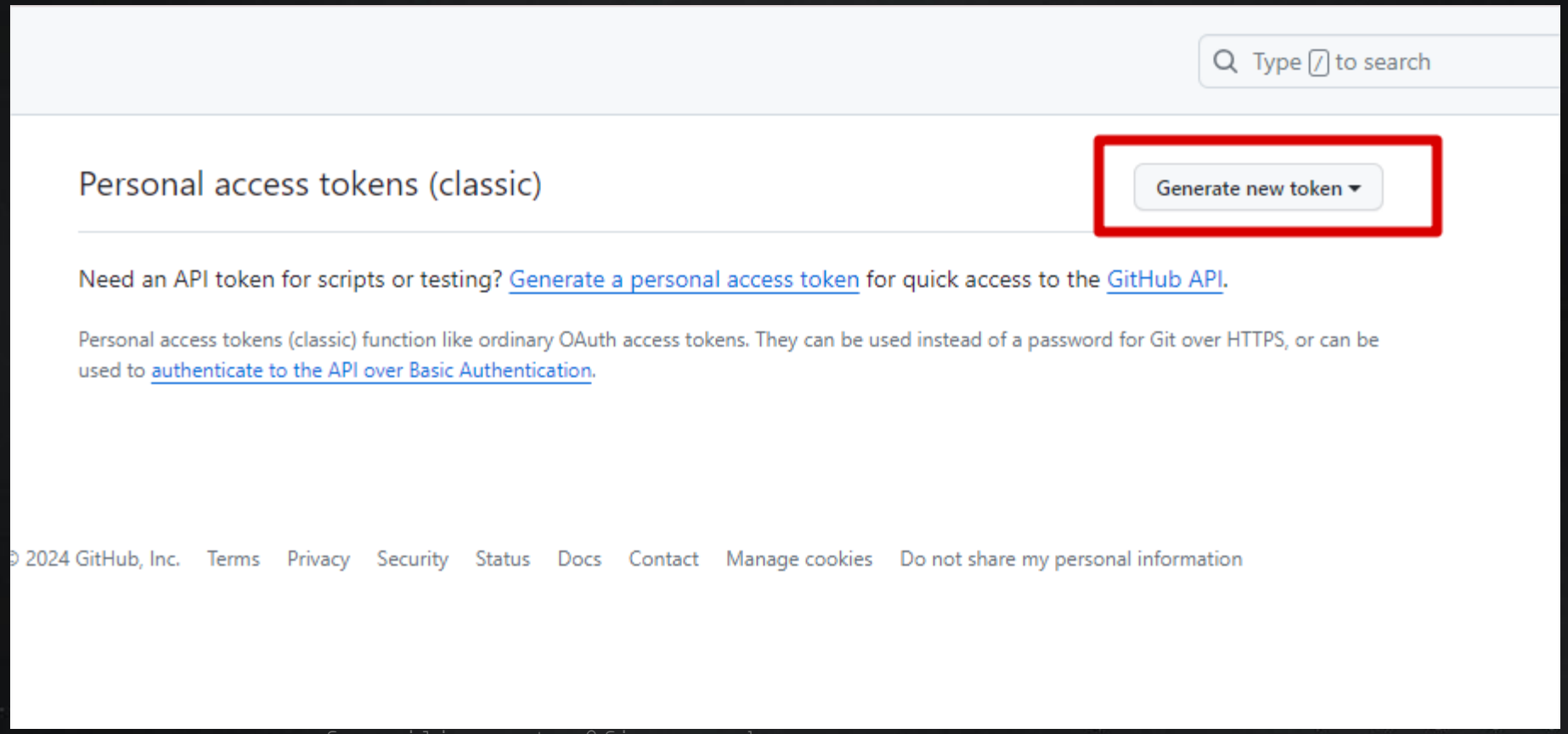
Na janela seguinte clique em:

Token (Classic)

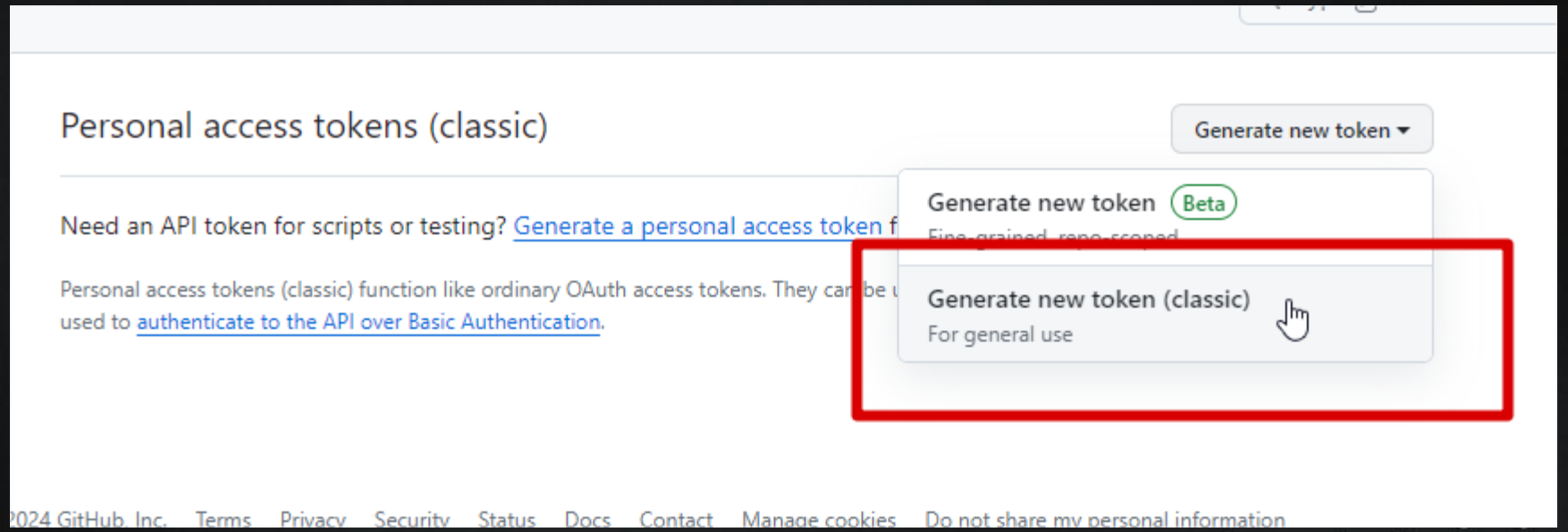


Na aba seguinte clique em:

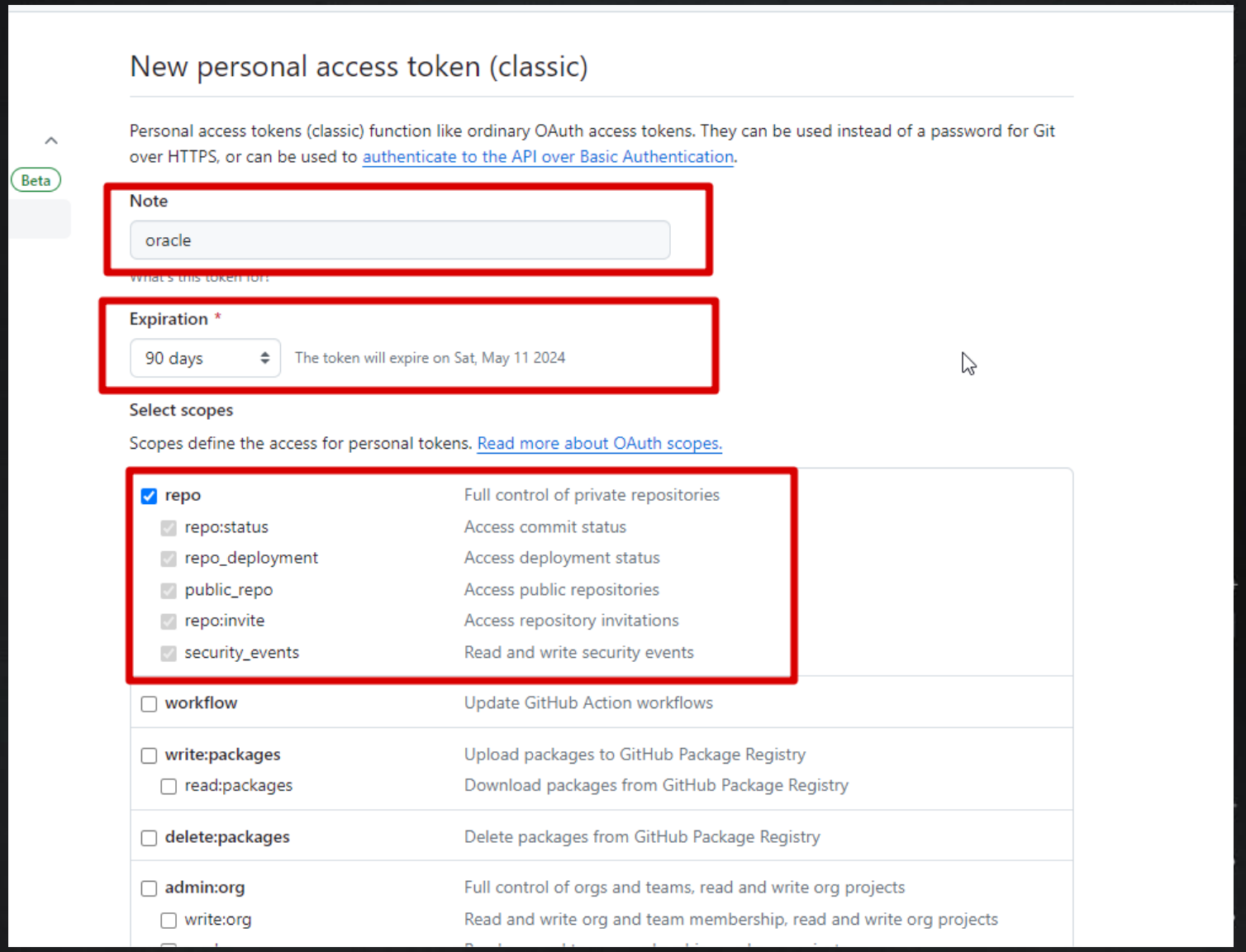
Generate new token



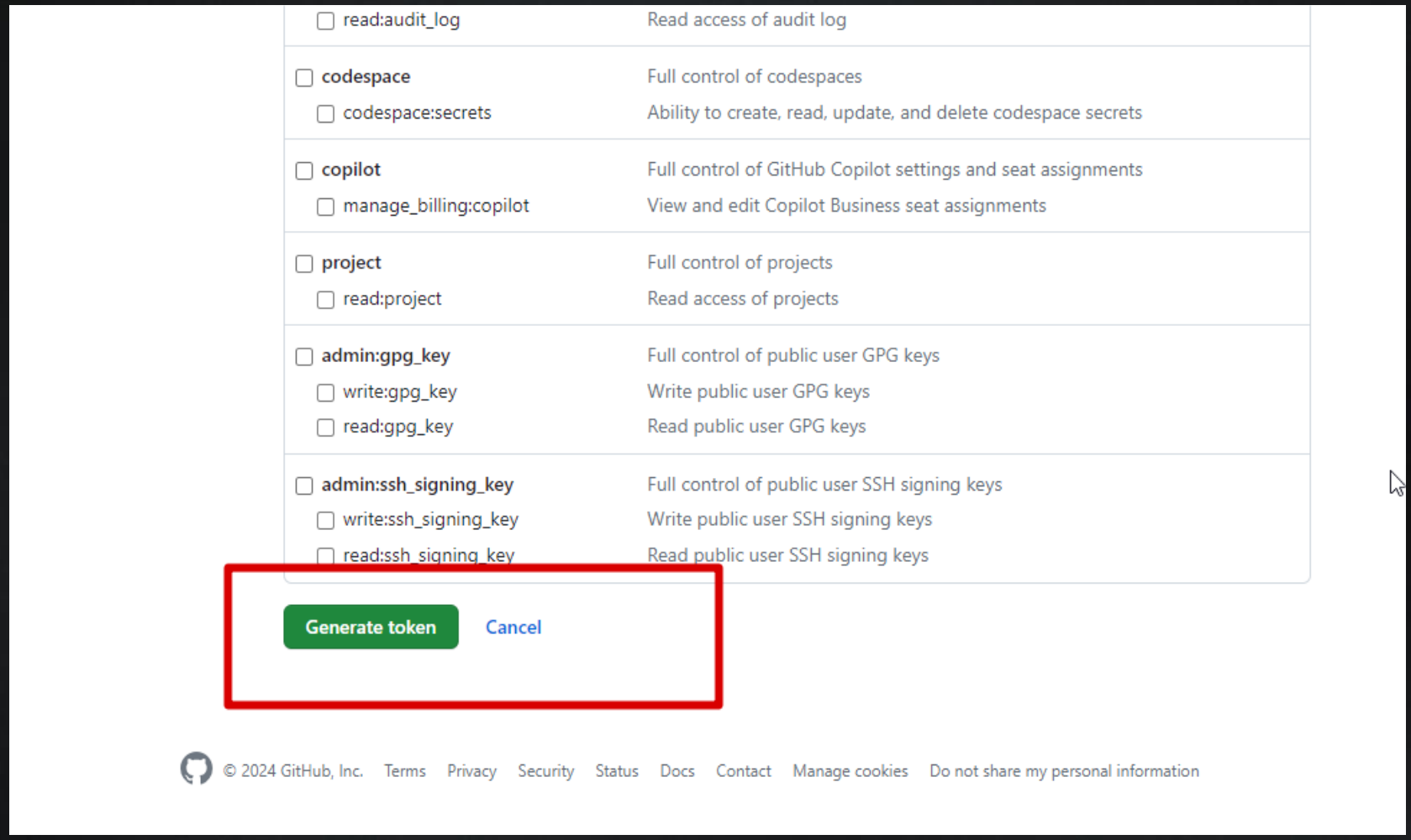
Escolha a opção de token Clássico conforme a imagem



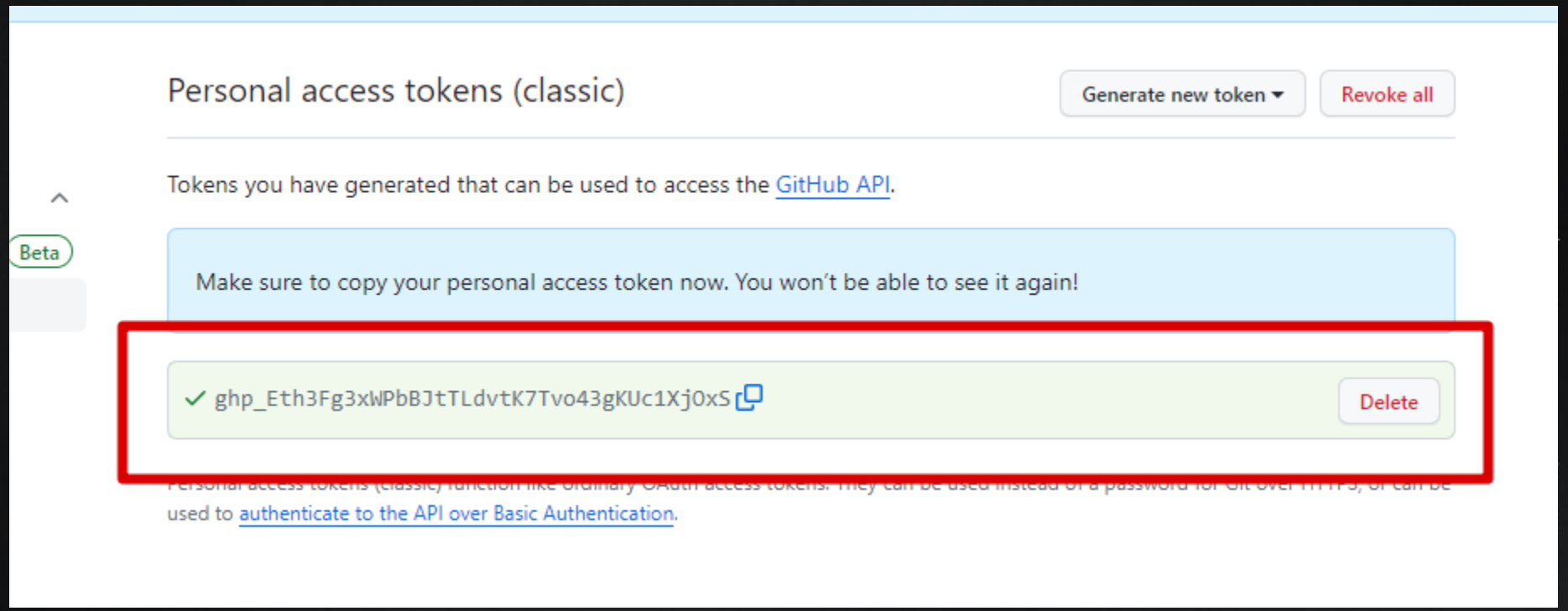
Escolha um nome para o token, mude a data de expiração para 90 dias ou mais e marque todas as opções de repo para o scope



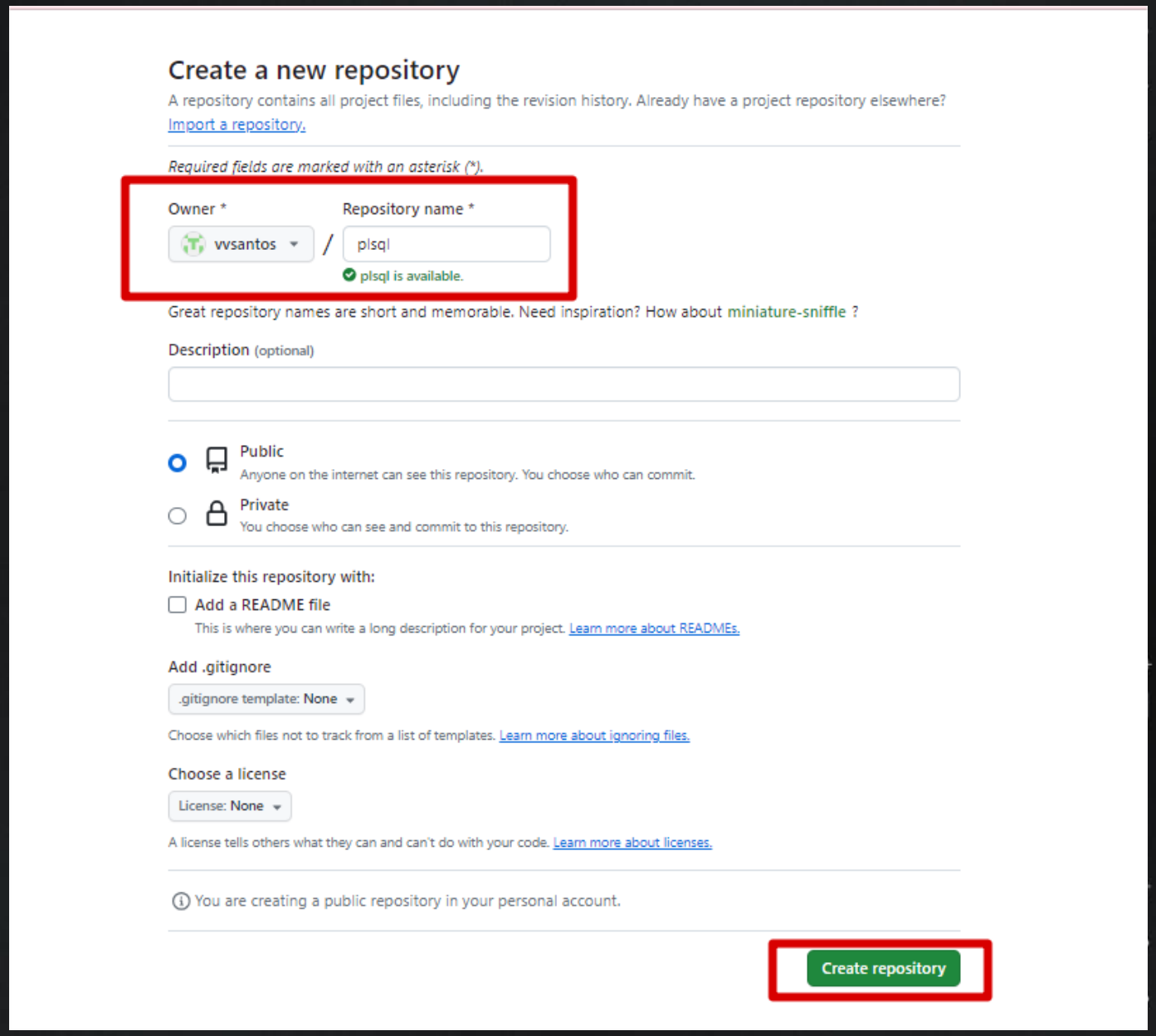
Realizado os passos anteriores basta clicar em Generate token



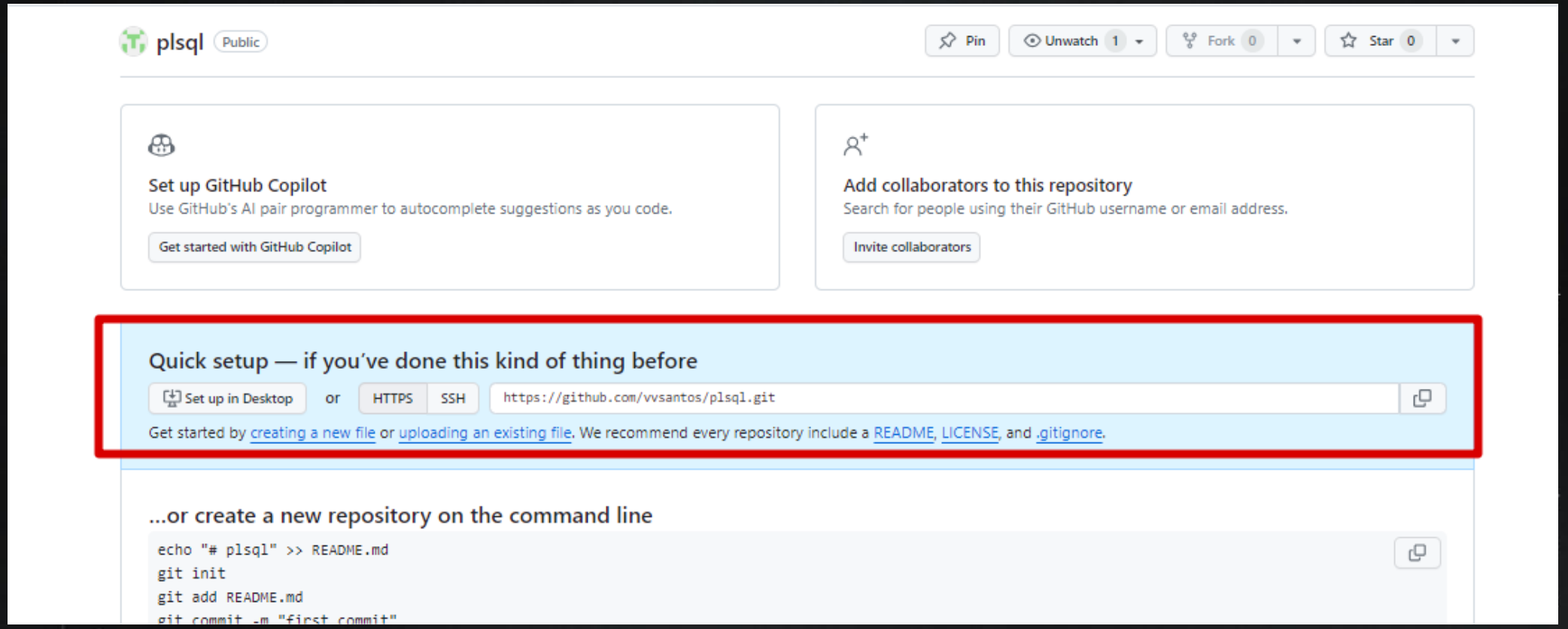
Na janela que irá abrir basta copiar a chave gerada e guardar ela, que iremos utilizar em outras vezes.



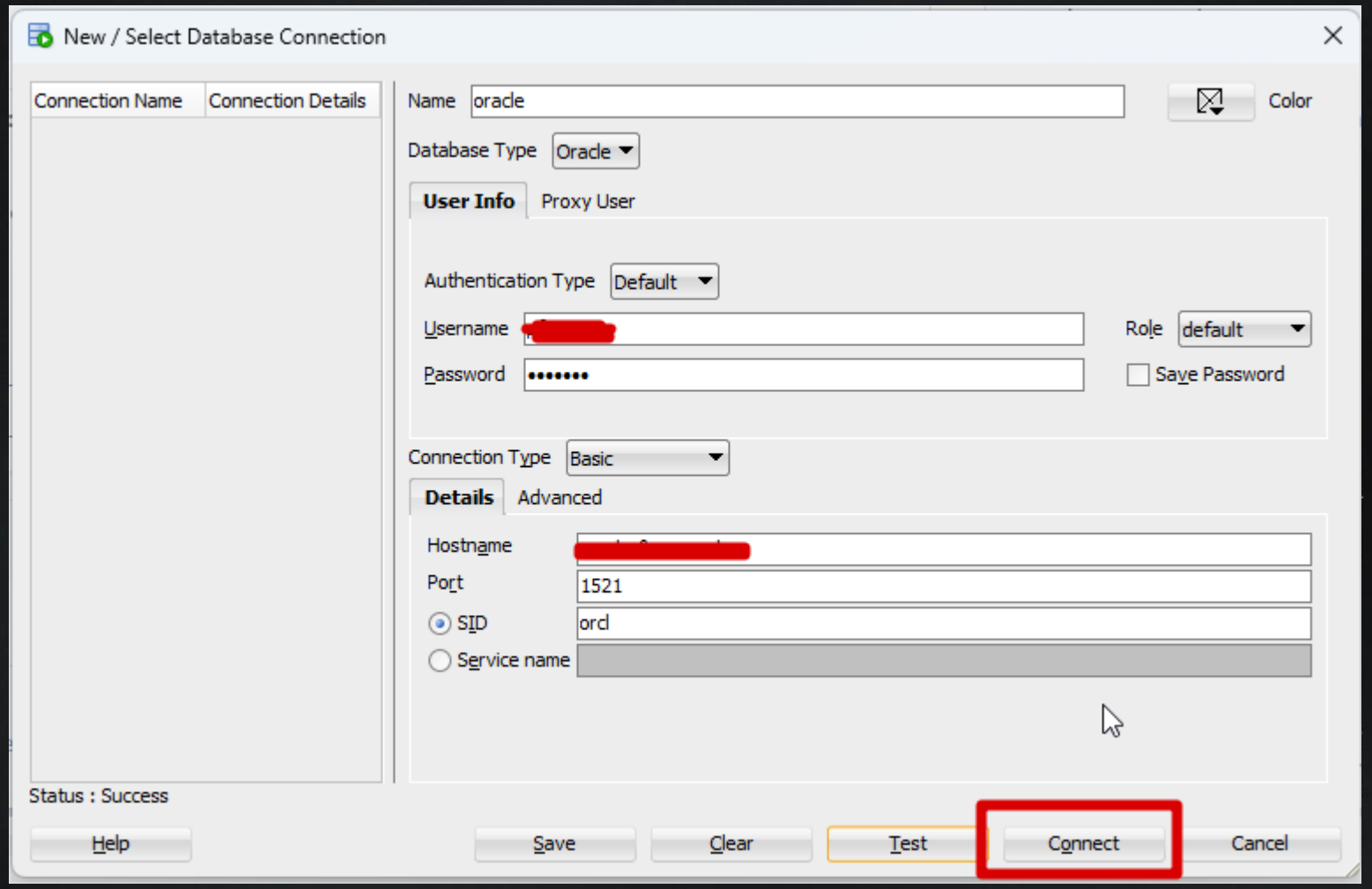
Volte para página inicial do GitHub e crie um novo repositório como Público.



Copie o endereço do repositório criado, pois vamos utilizar ele para clonar as informações no Oracle SQL Developer

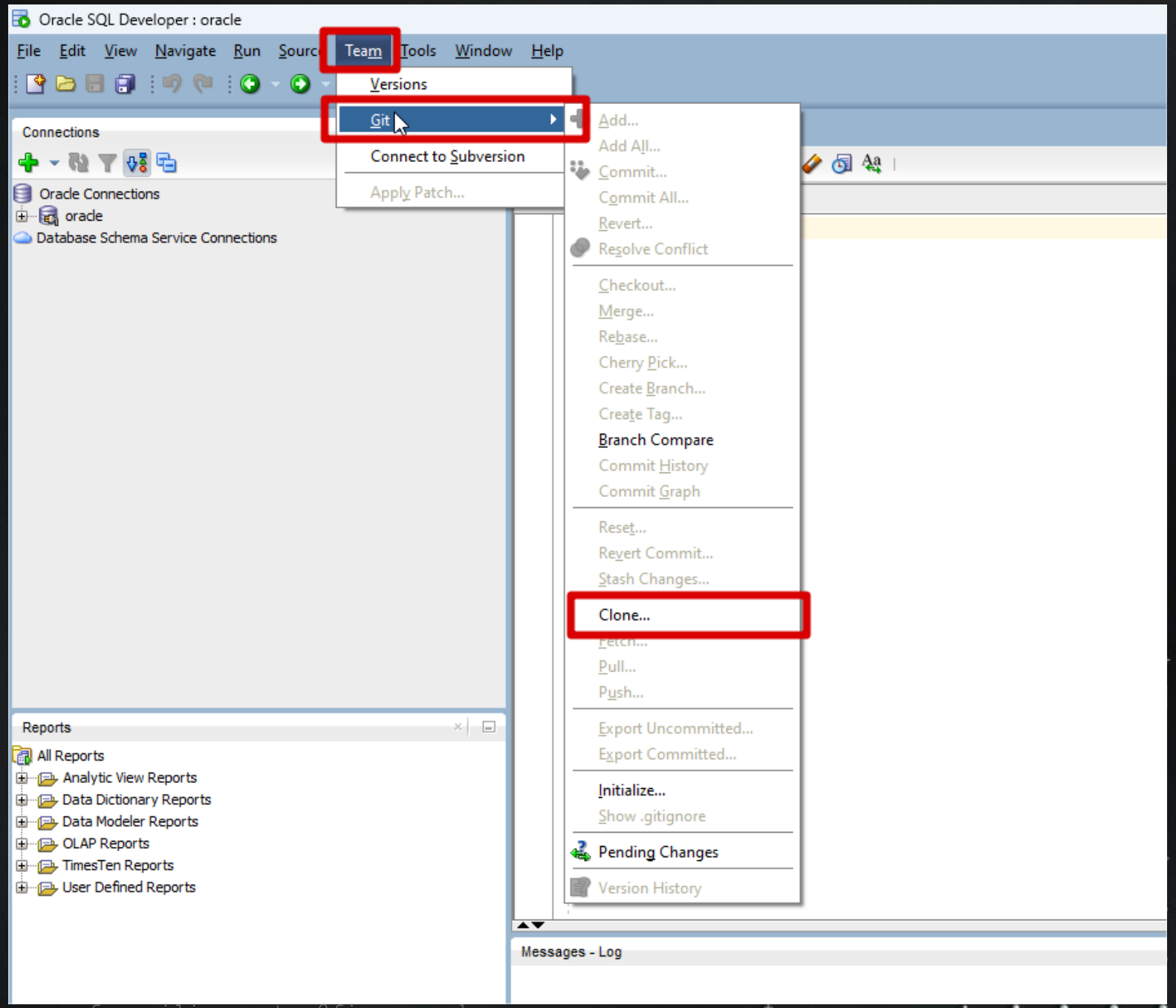


Abra o Oracle SQL Developer e crie uma nova conexão com o banco de dados.

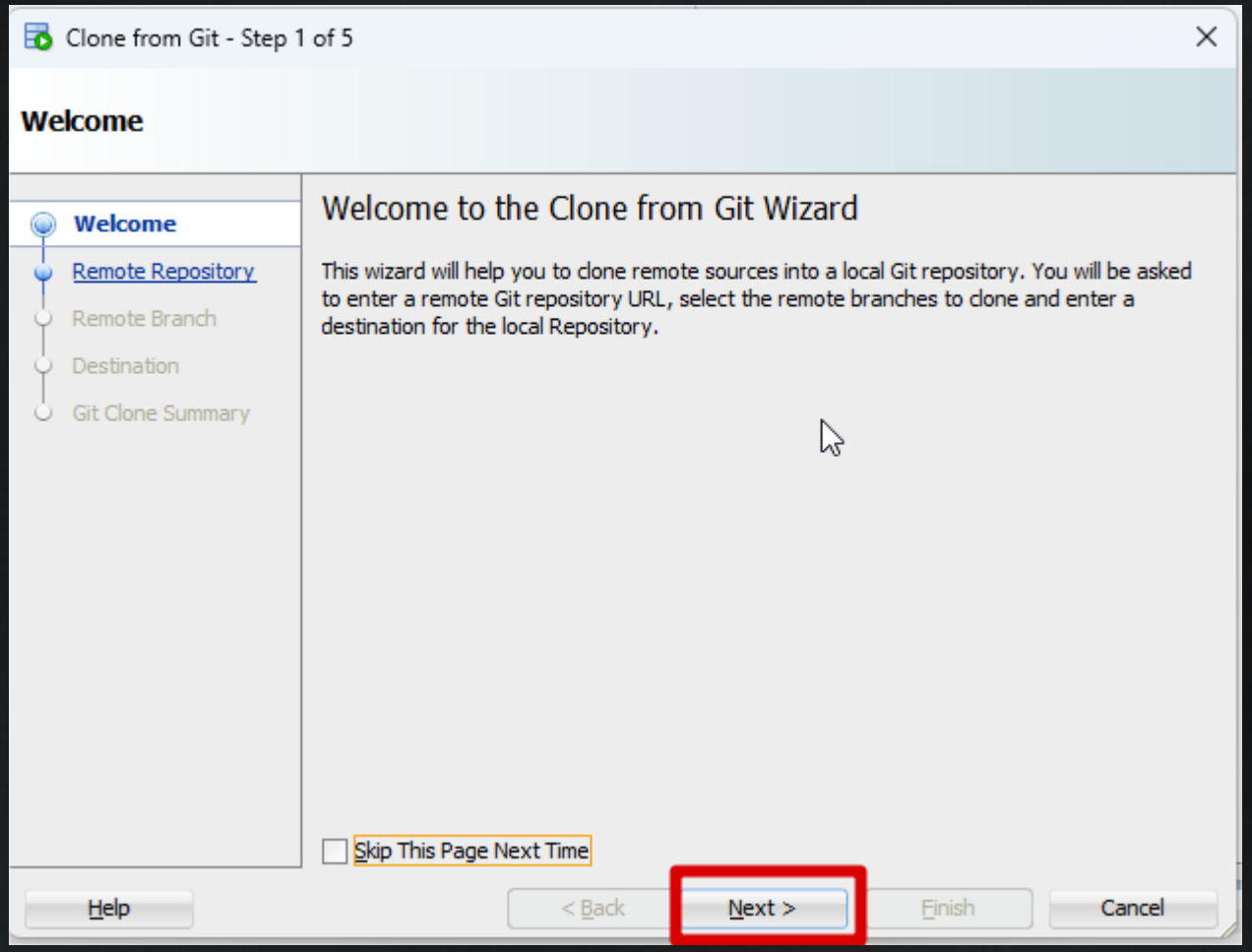


Dentro do SQL Developer clique em:

Team > Git > Conect to Git ou Clone

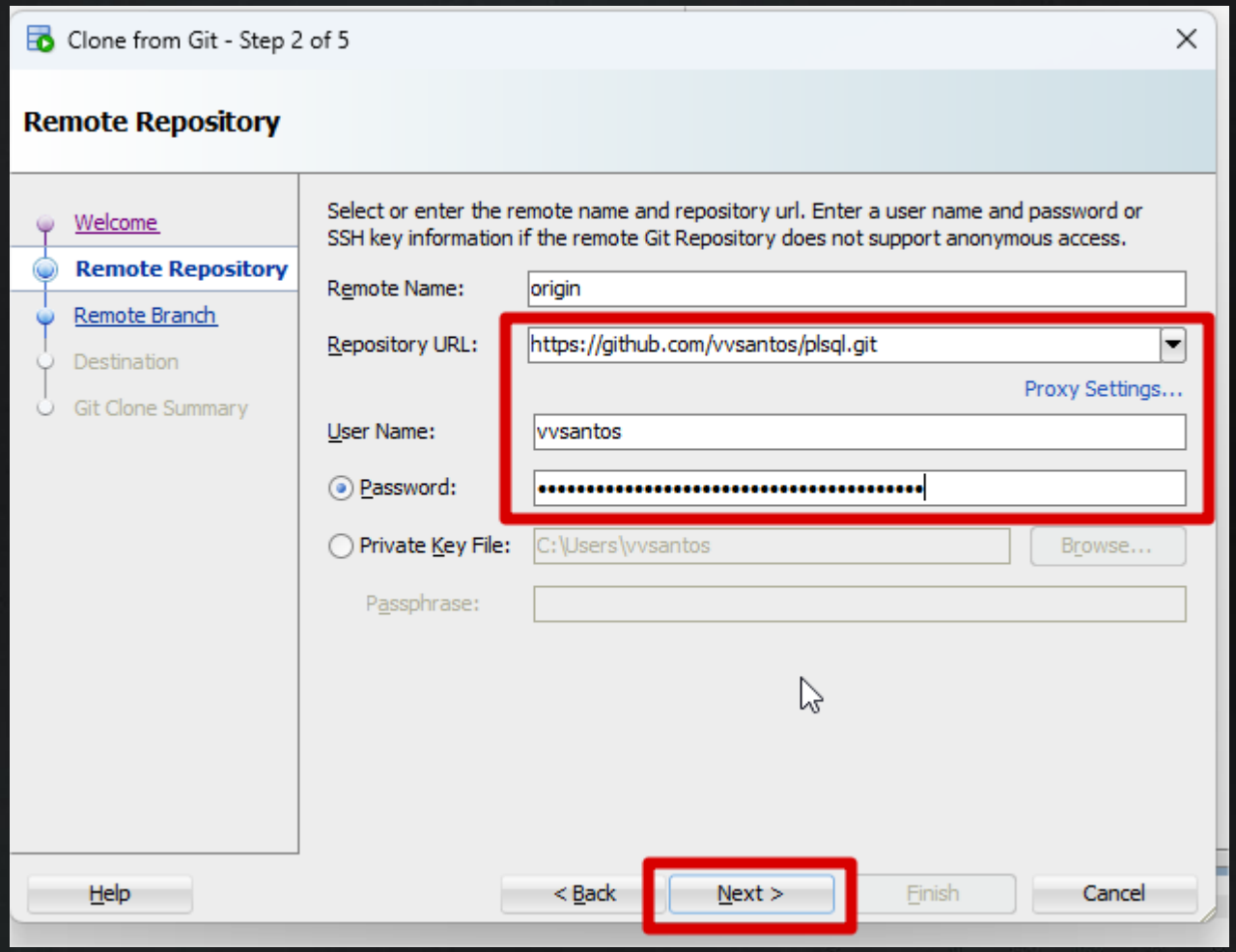


Na janela a seguir basta clicar em Next

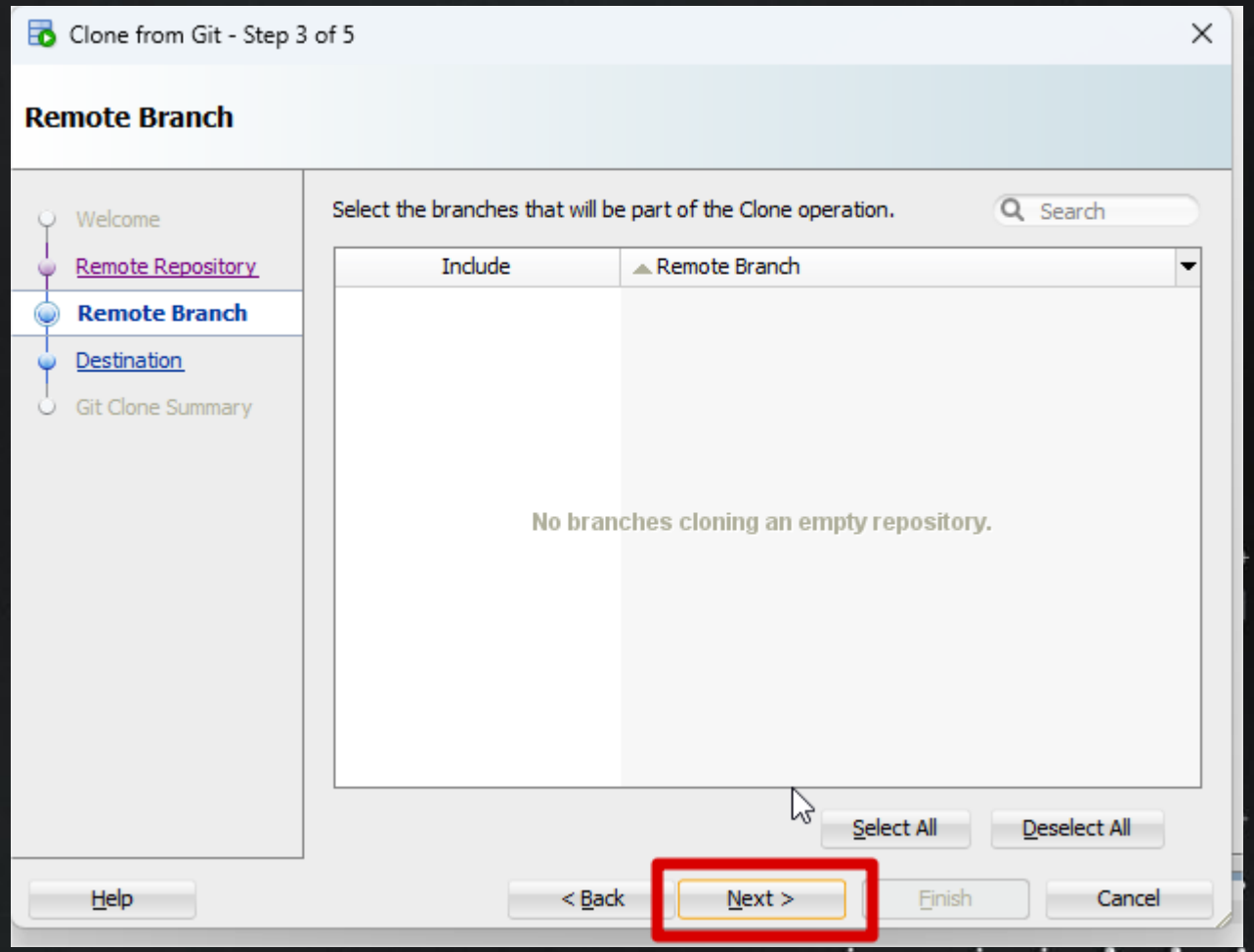


Informe os dados de conexão:

- Repository URL: o repositório criado anteriormente
- User Name: coloque seu usuário do GitHub
- Password: coloque o token gerado (Não utilizar senha pessoal, irá dar erro de permissão)
- Clique em Next

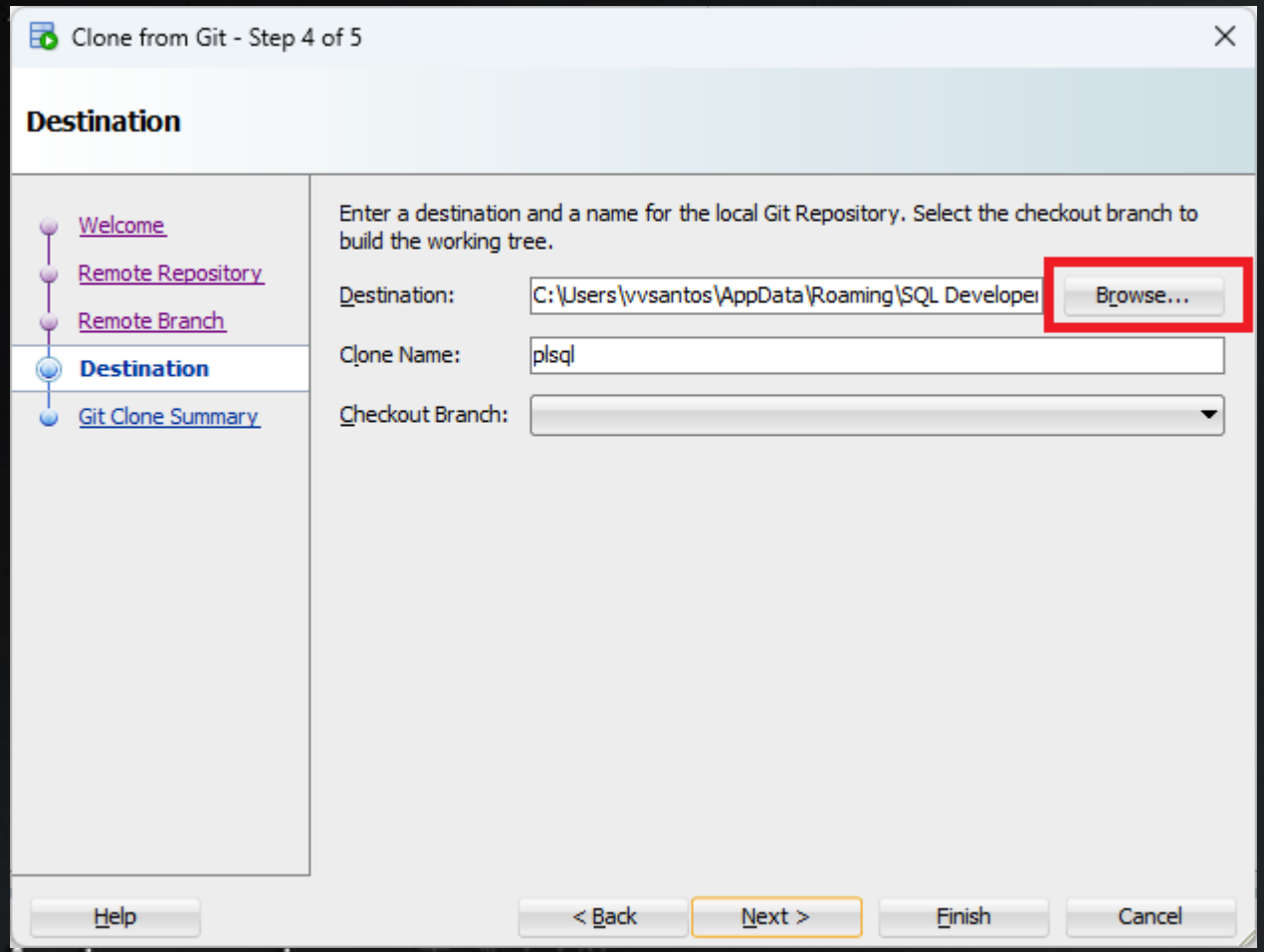


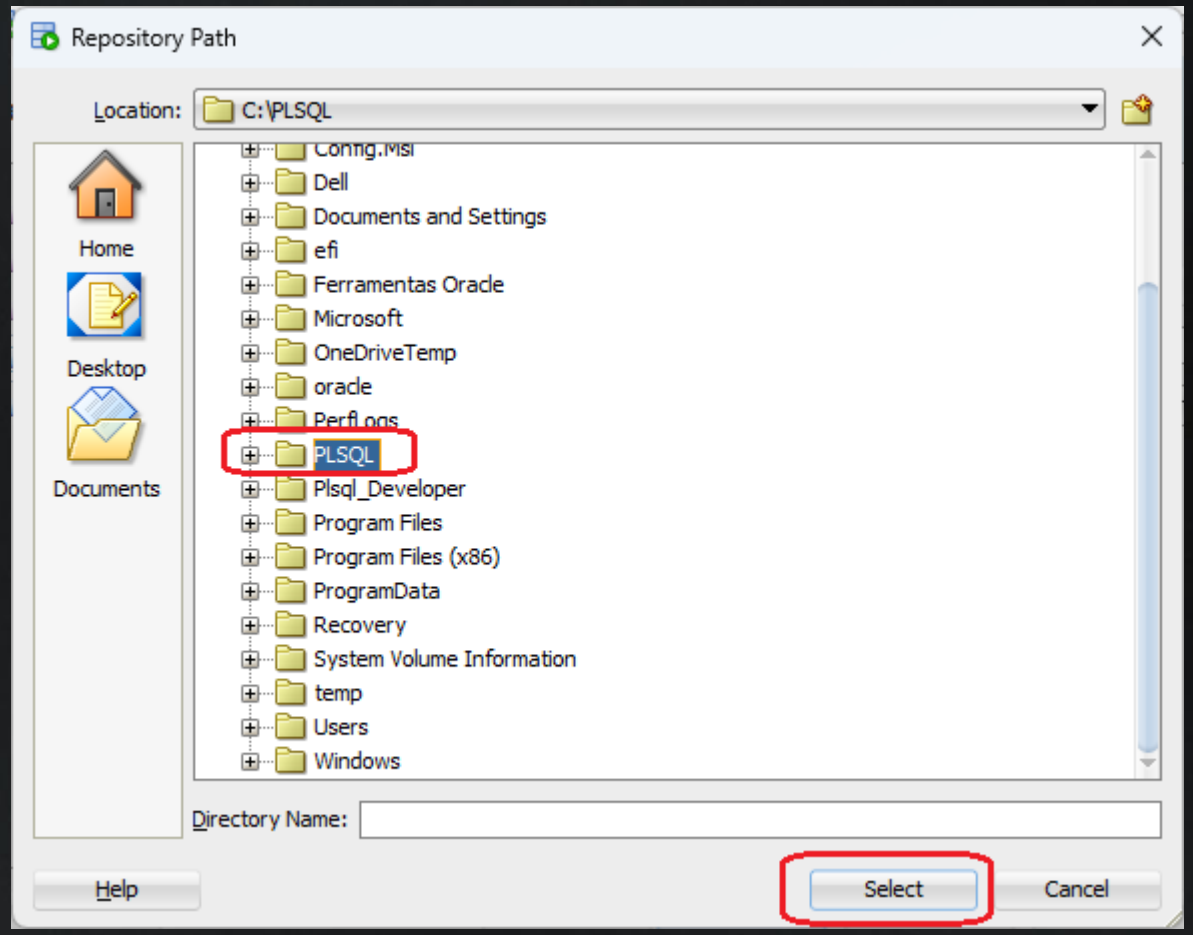
Na janela a seguir basta clicar em Next



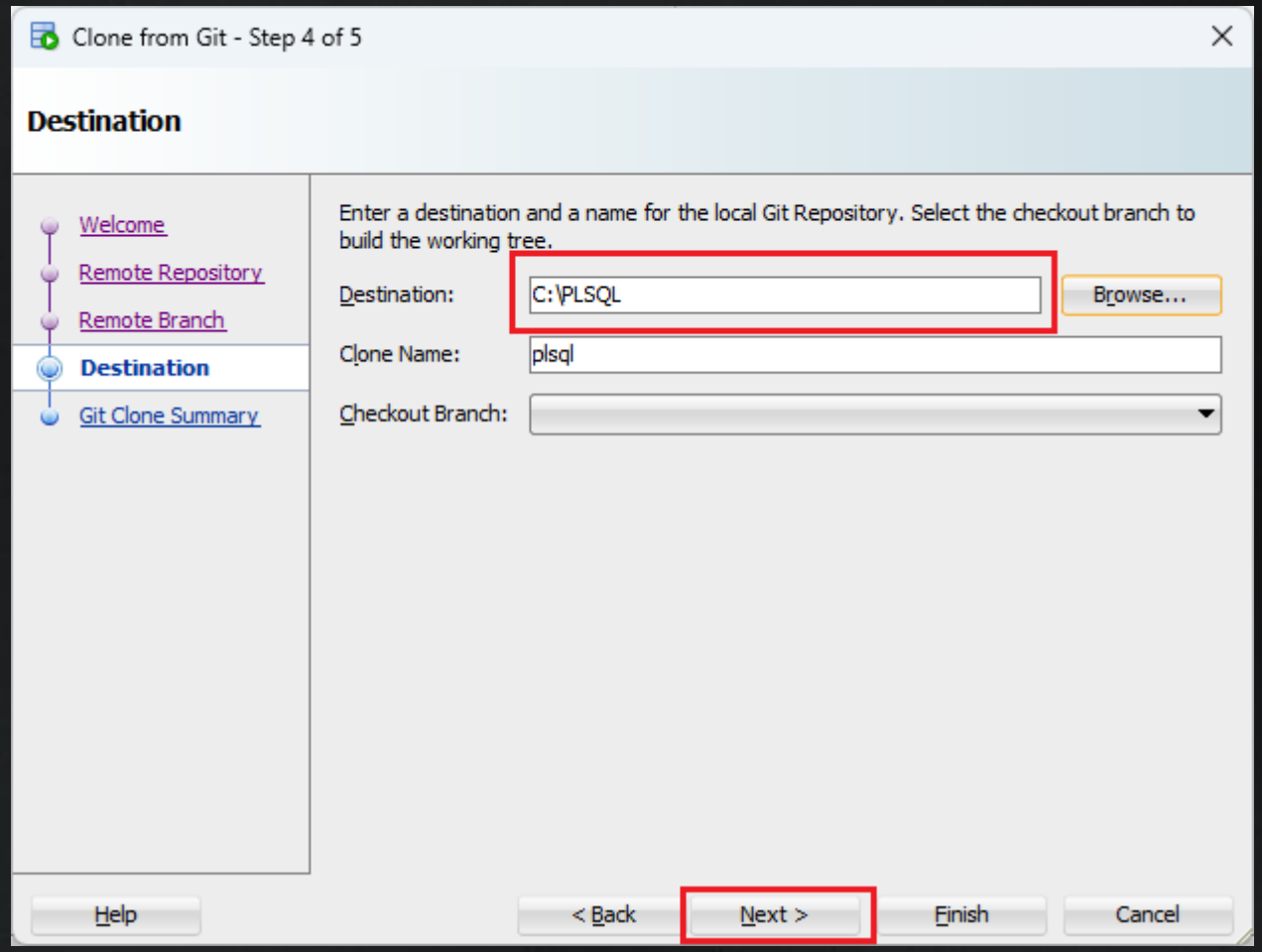
Na janela seguinte clique em Browse e escolha uma pasta criada localmente na máquina.

Clique em select

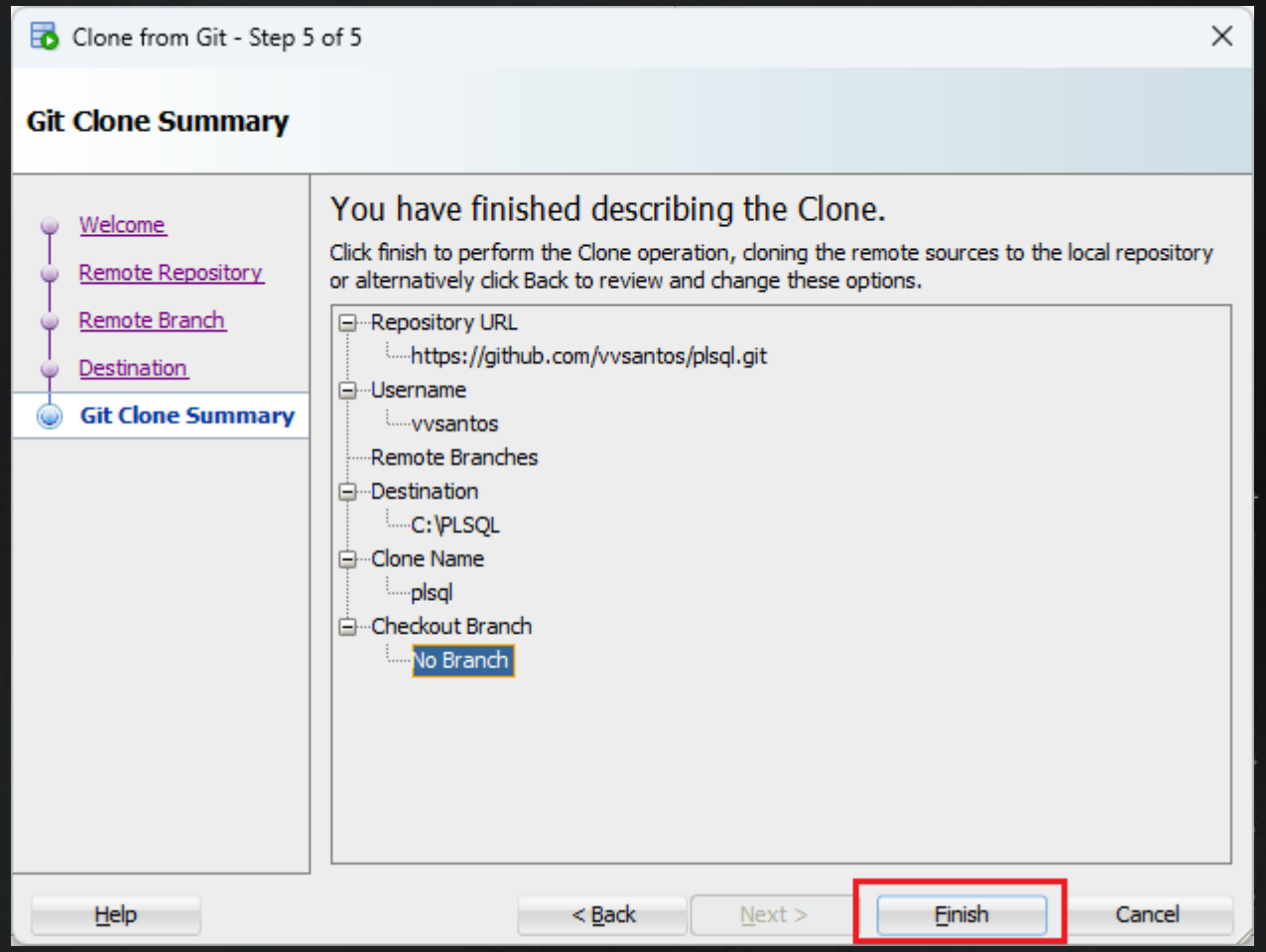




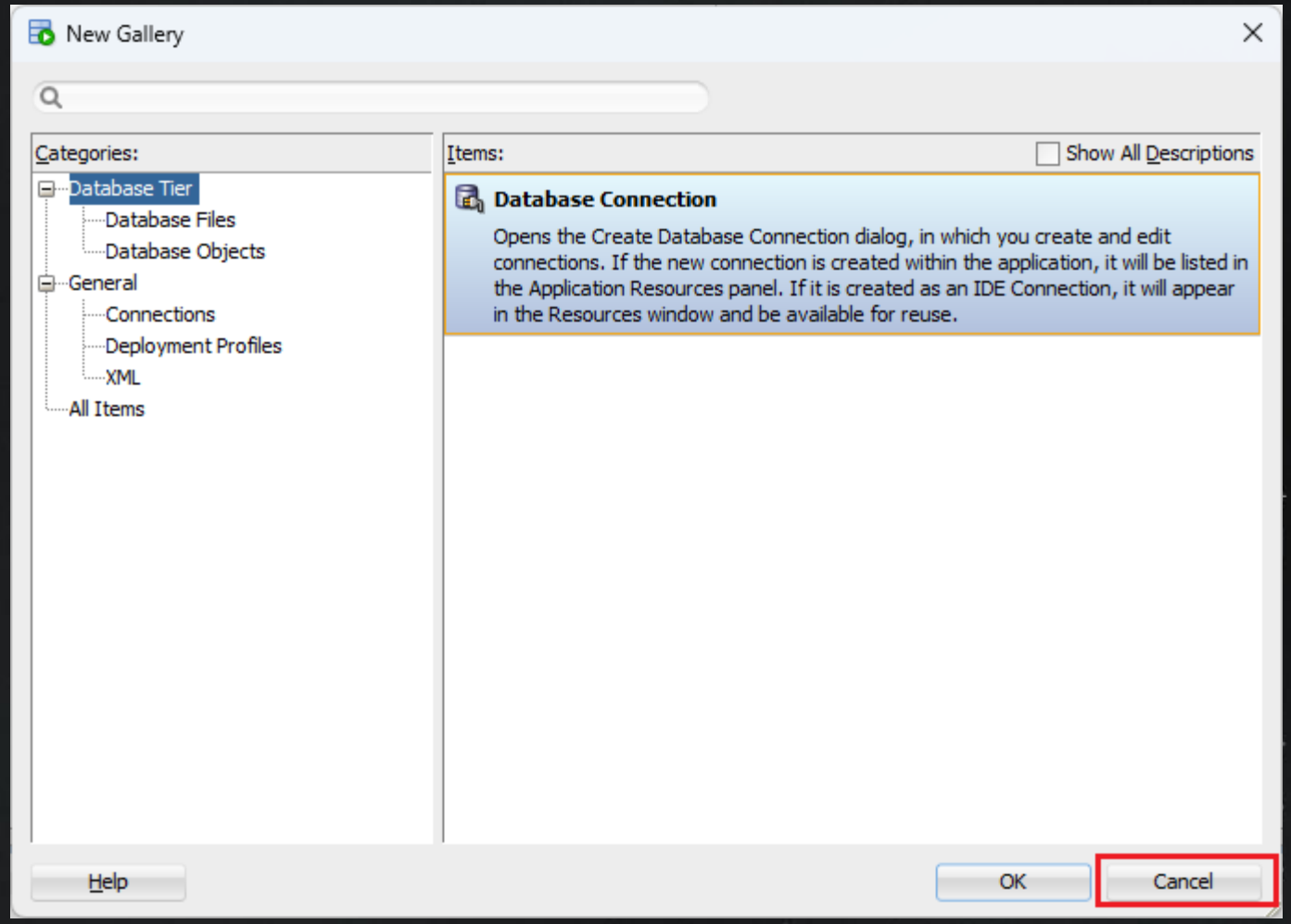
Na janela a seguir basta clicar em Next



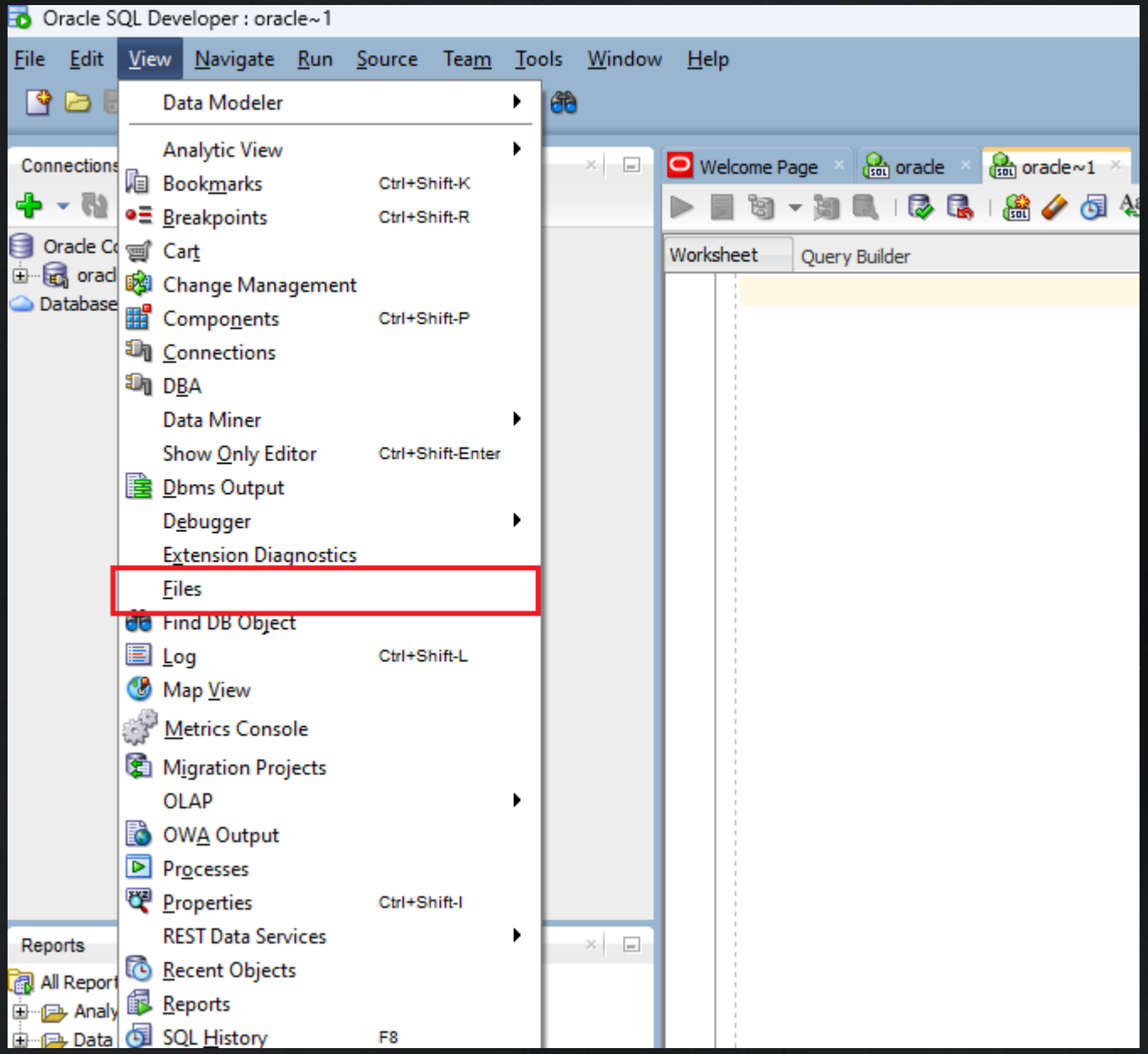
Na janela a seguir basta clicar em Finish



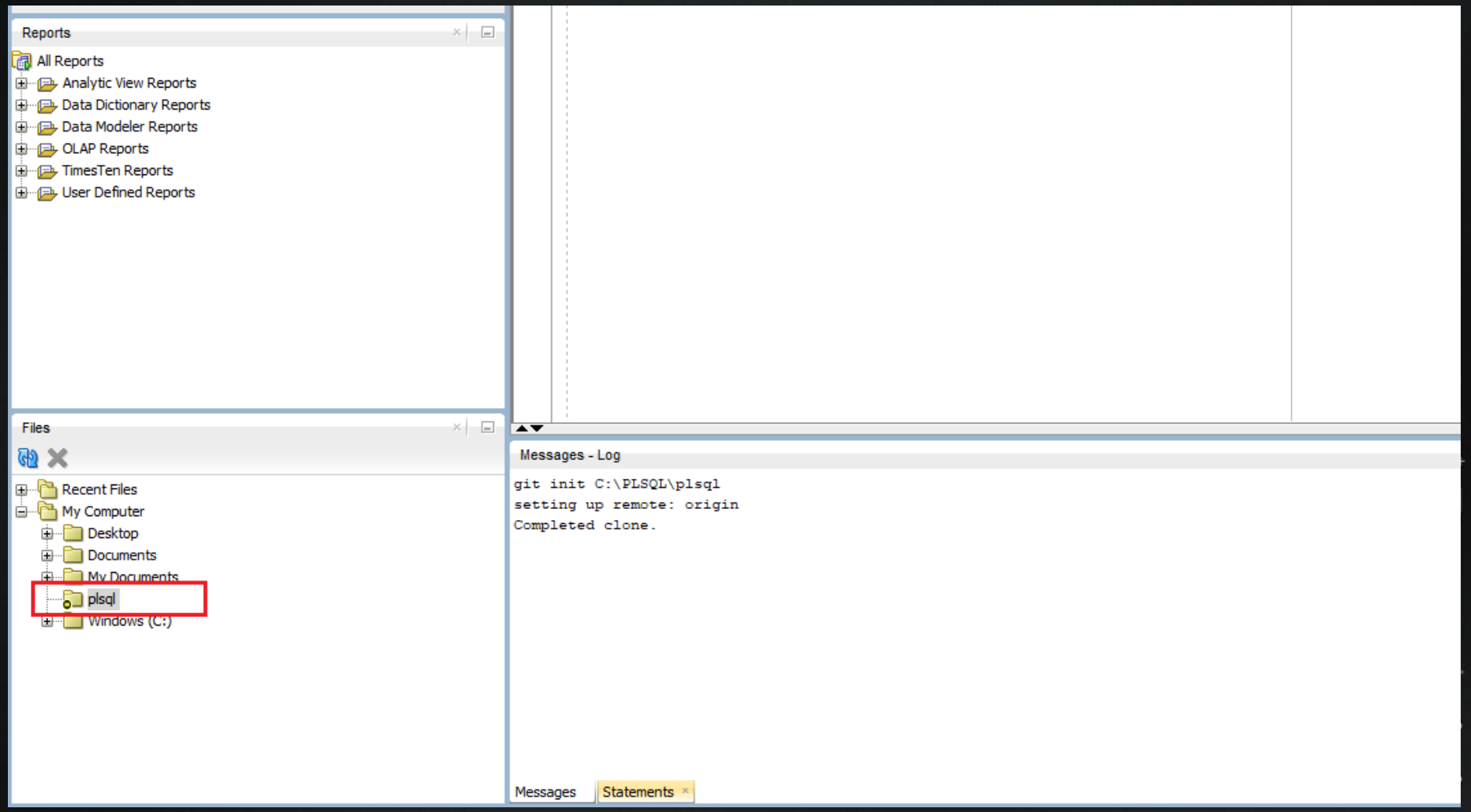
Na janela a seguir basta clicar em Cancel



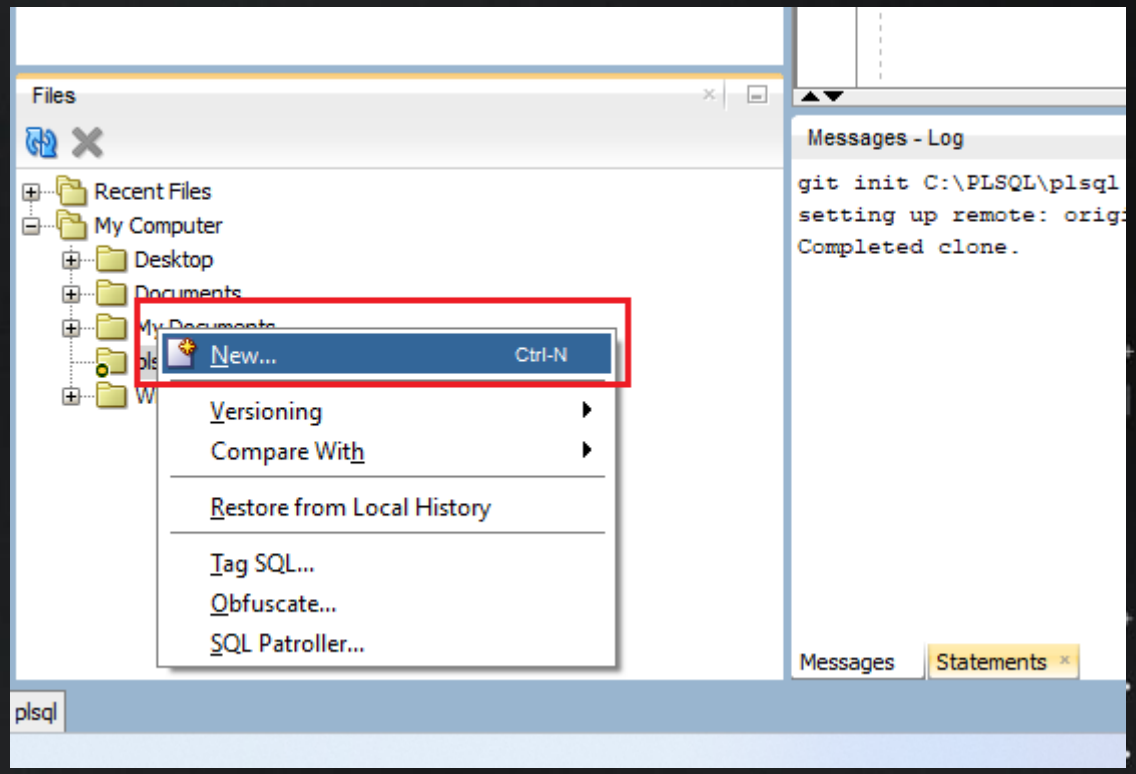
Na janela a seguir basta clicar em View > Files



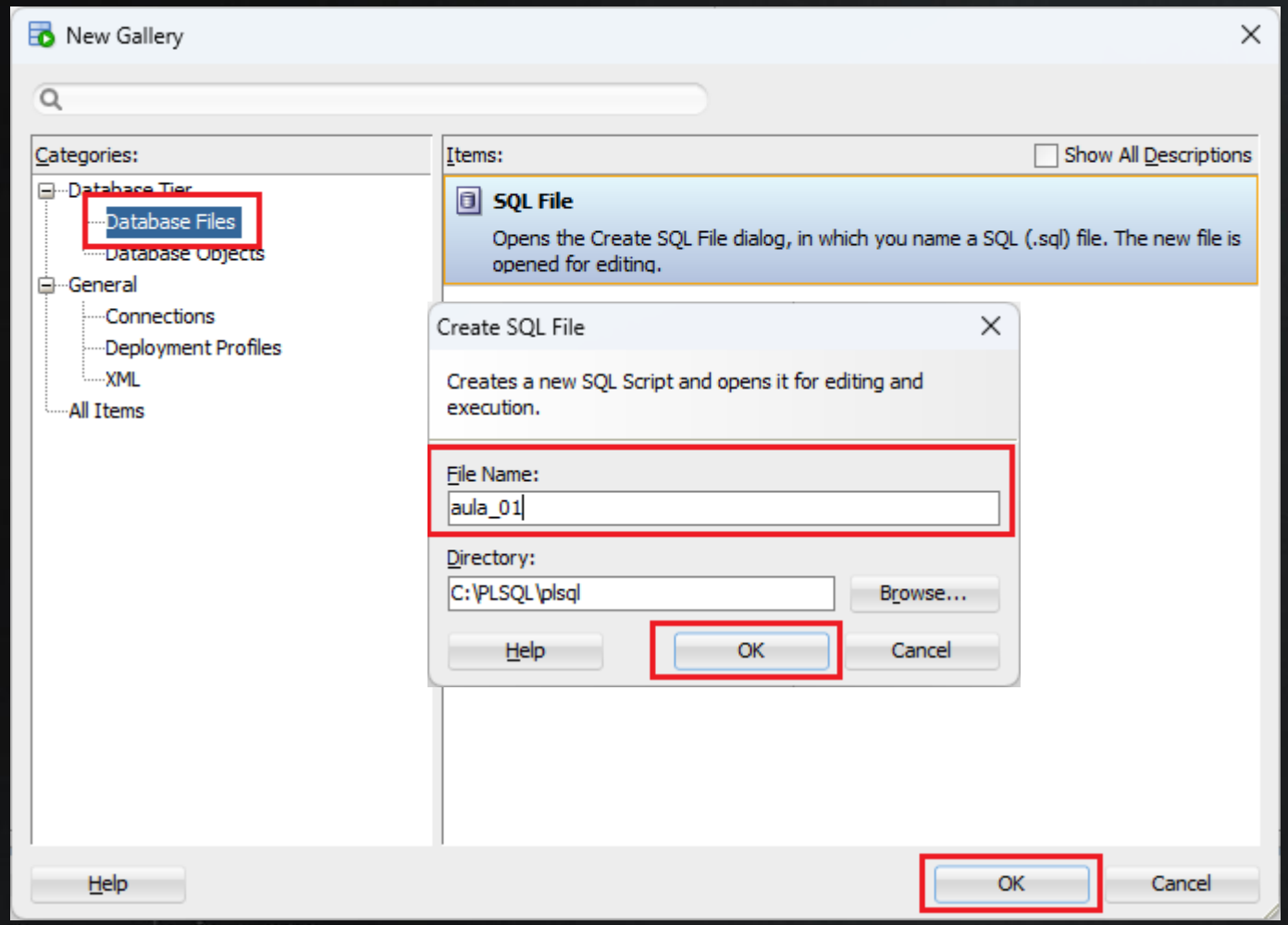
O diretório clonado do GitHub irá aparecer no canto inferior esquerdo.



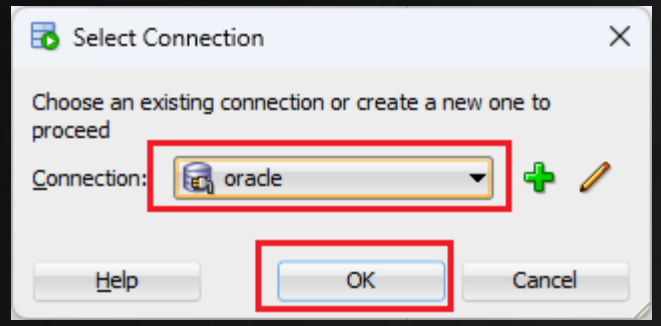
Crie um novo arquivo de conexão ao banco de dados para executar os comandos sql ou criação de objetos de banco de dados



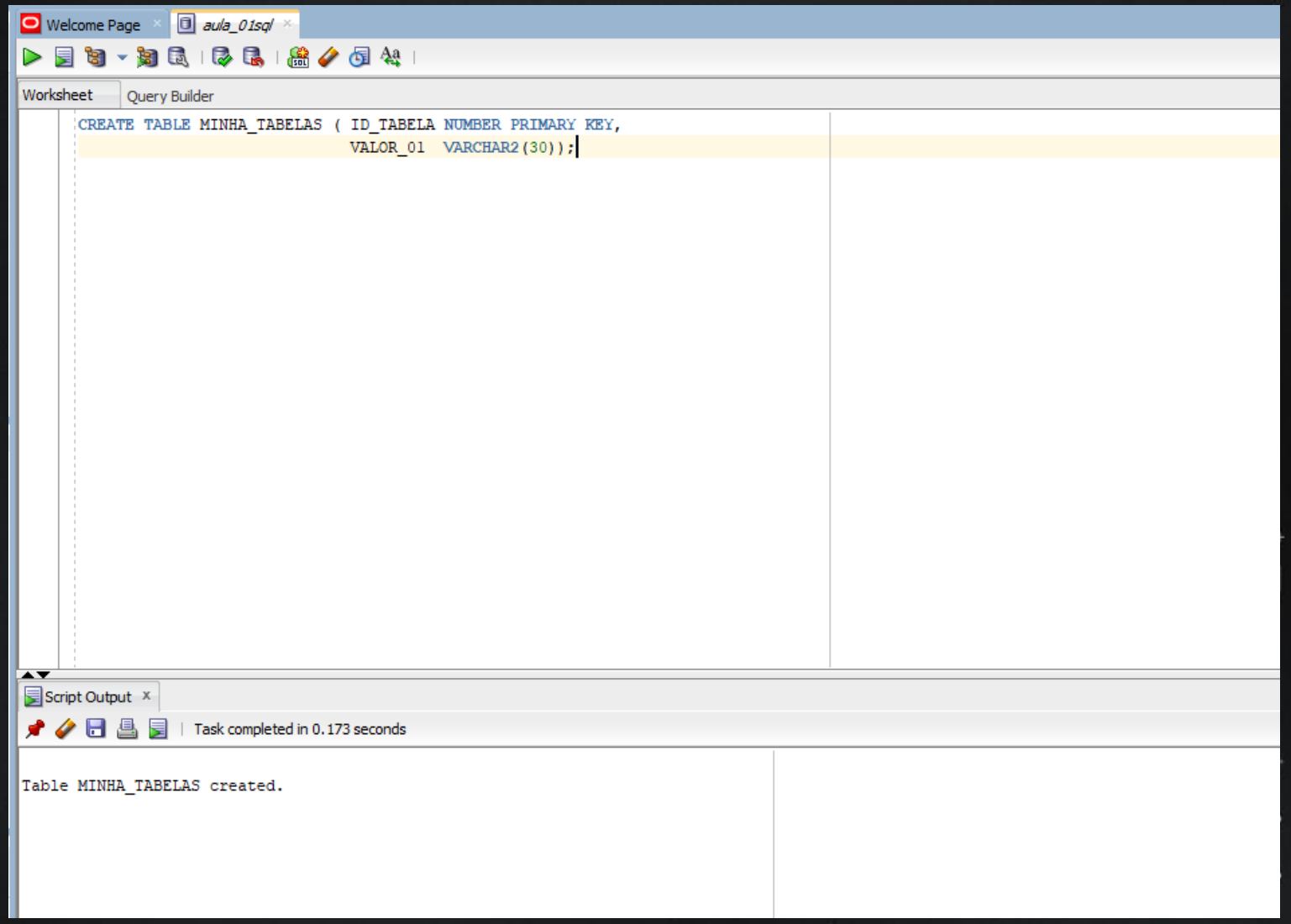
Selecione Database Files na pop up escolha o nome do arquivo e clique em OK.



Selecione a conexão com o banco criada anteriormente e clique em OK



Crie uma query ou objeto qualquer só para fazermos nosso primeiro commit no Git.



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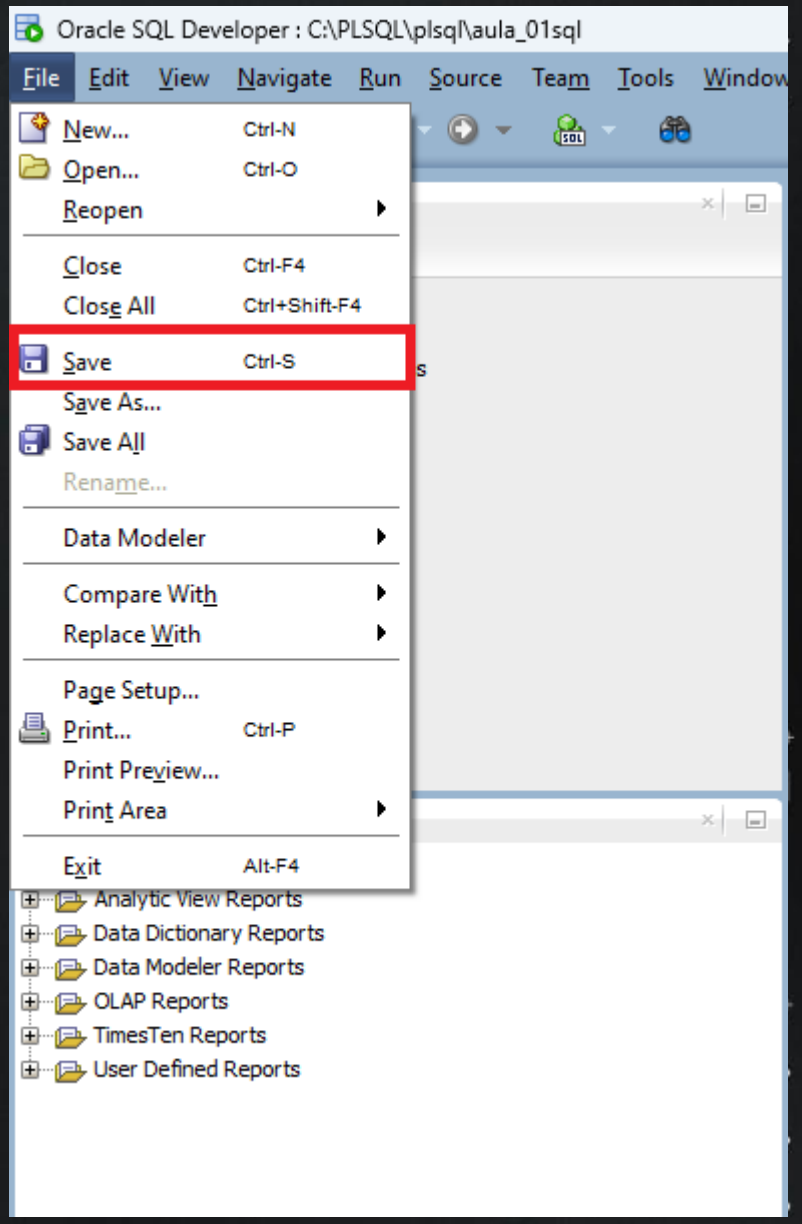
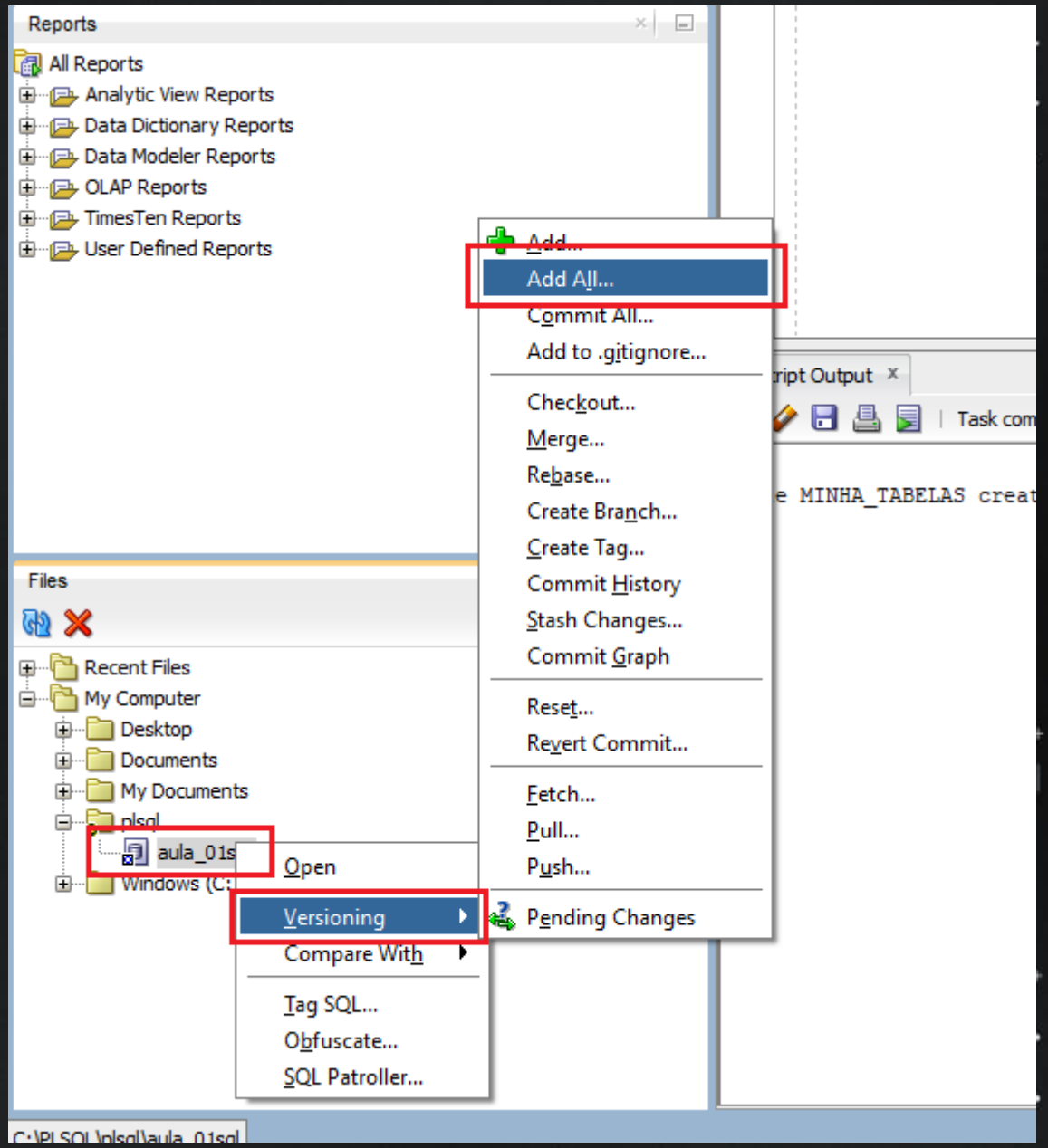
Salve o arquivo criado em:

File > Save

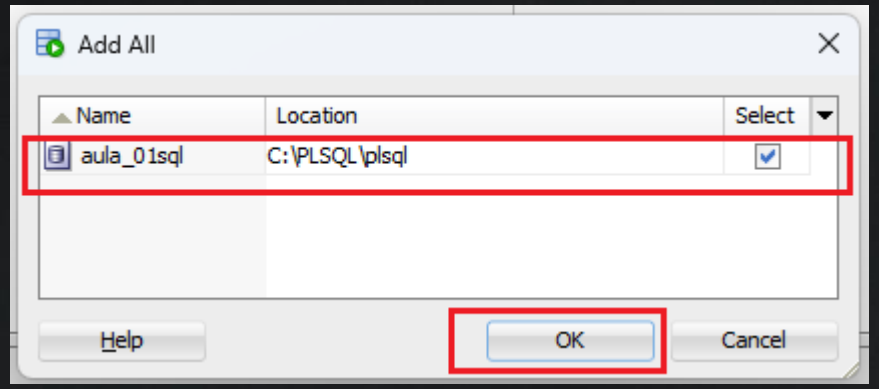
Agora podemos enviar nosso código para o GitHub



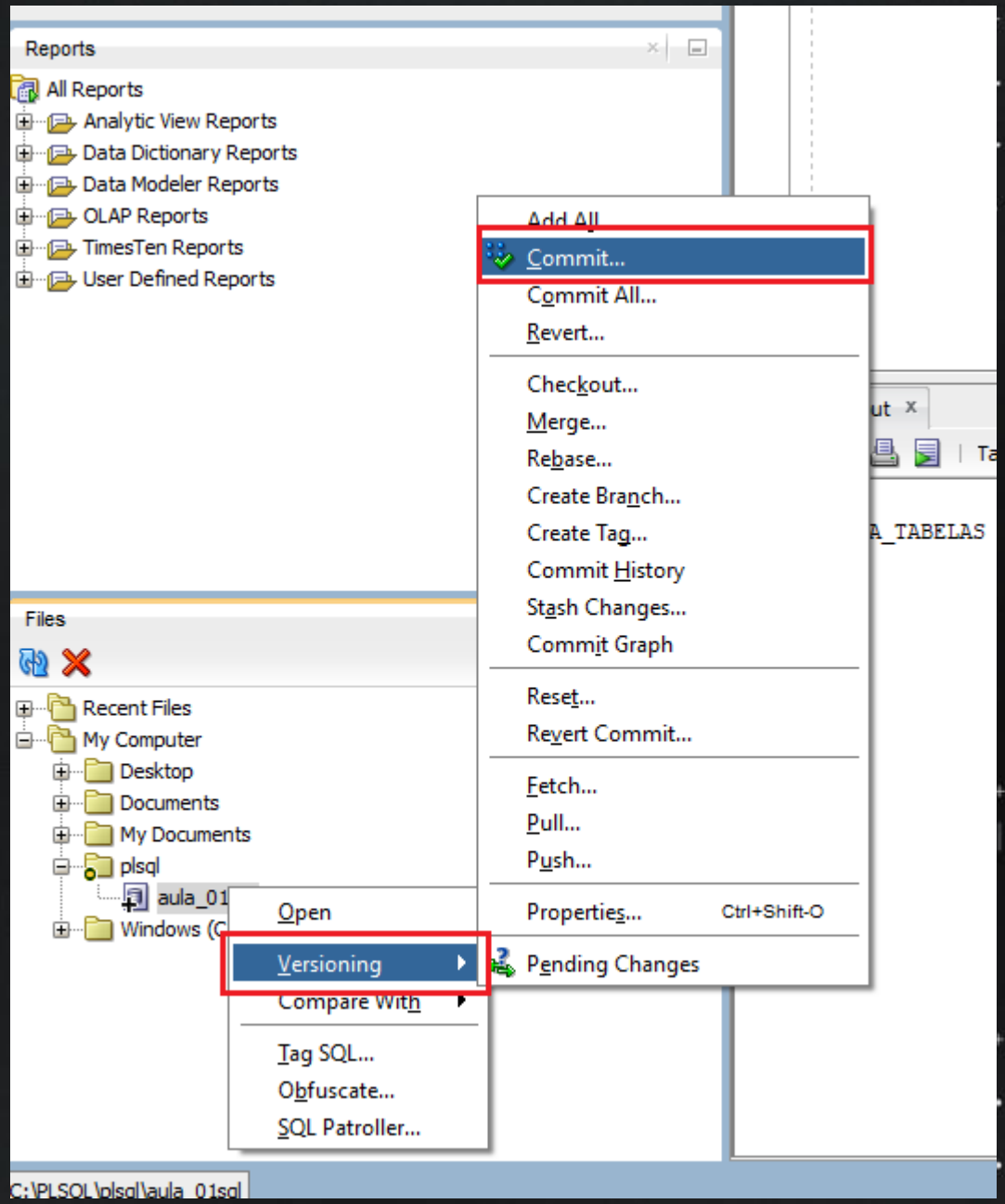
No diretório mapeado clique com o botão direito no arquivo salvo Versioning > Add all



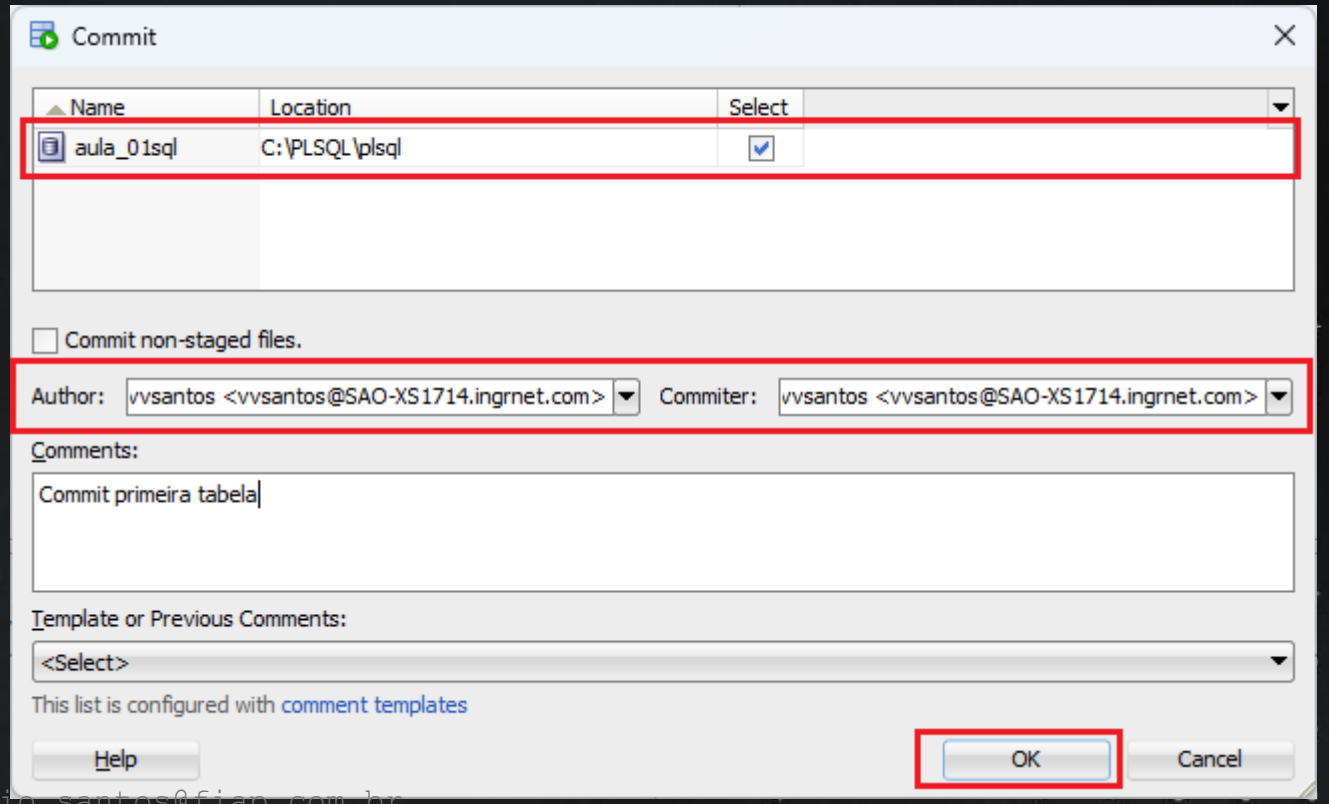
Selecione o arquivo que quer enviar para o Git e clique em OK



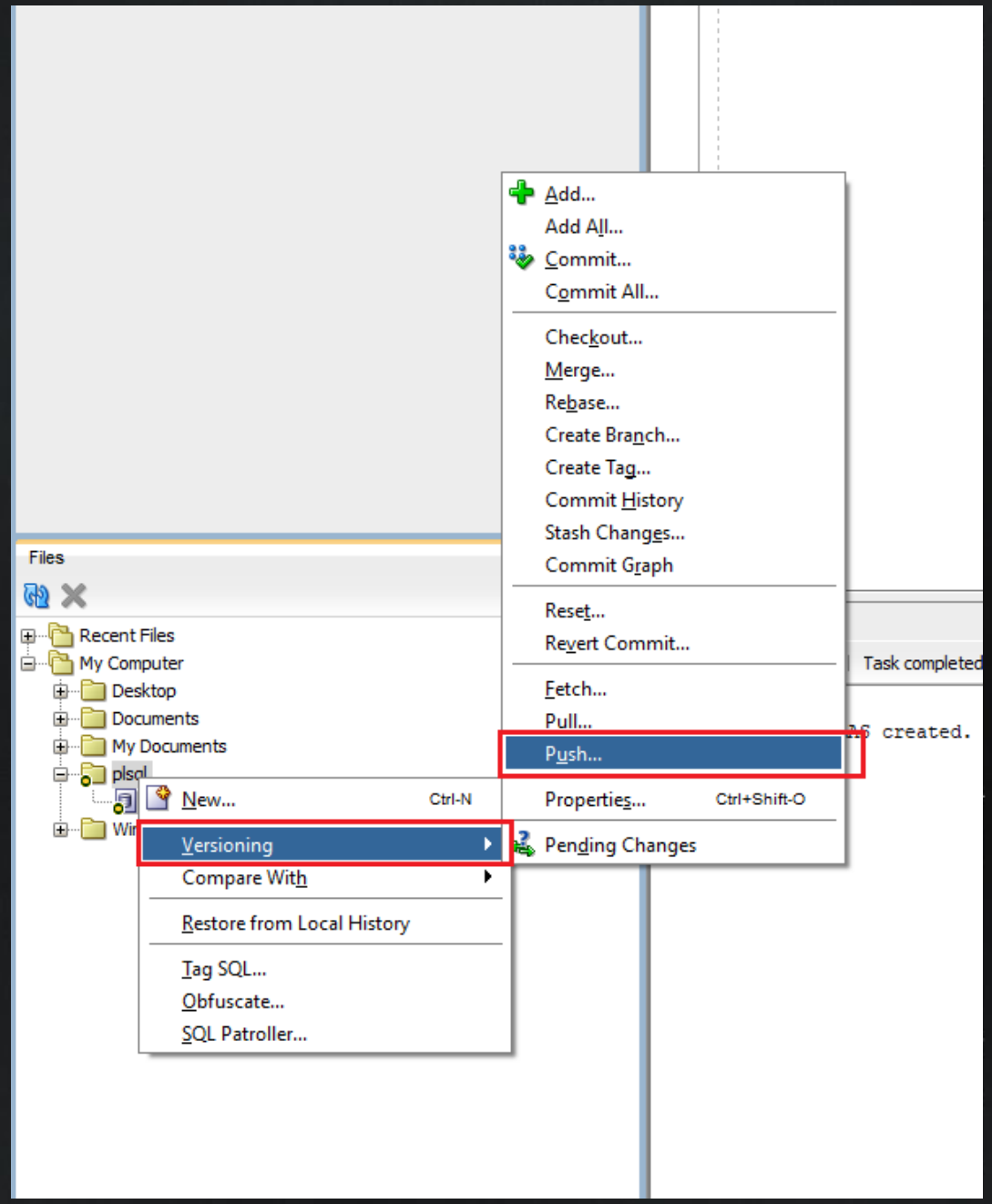
Clique novamente com o botão direito em cima do arquivo salvo e agora clique em Versioning > Commit



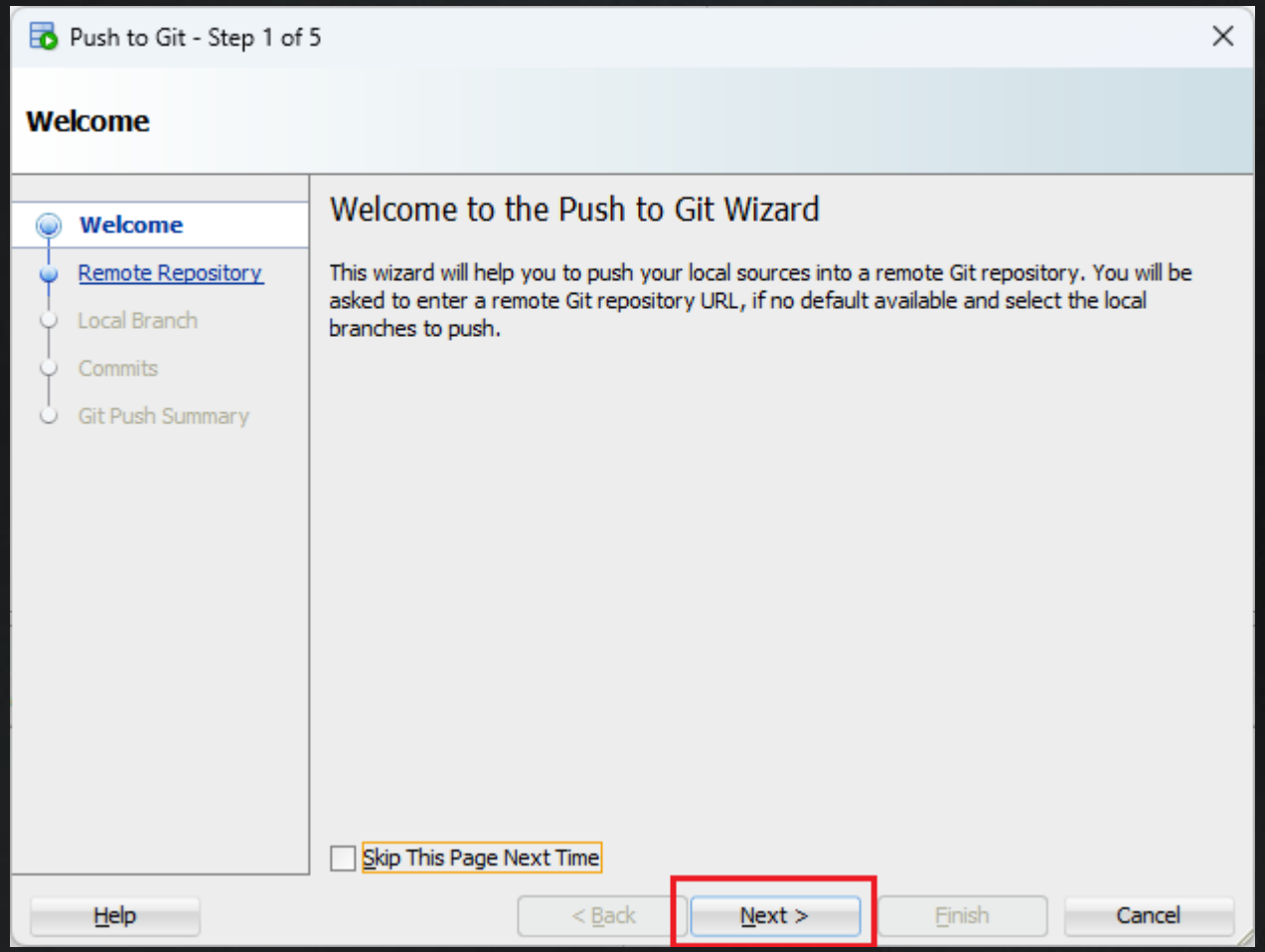
Agora basta selecionar o arquivo arquivo e clicar em OK



Agora clique em Versioning > Push.

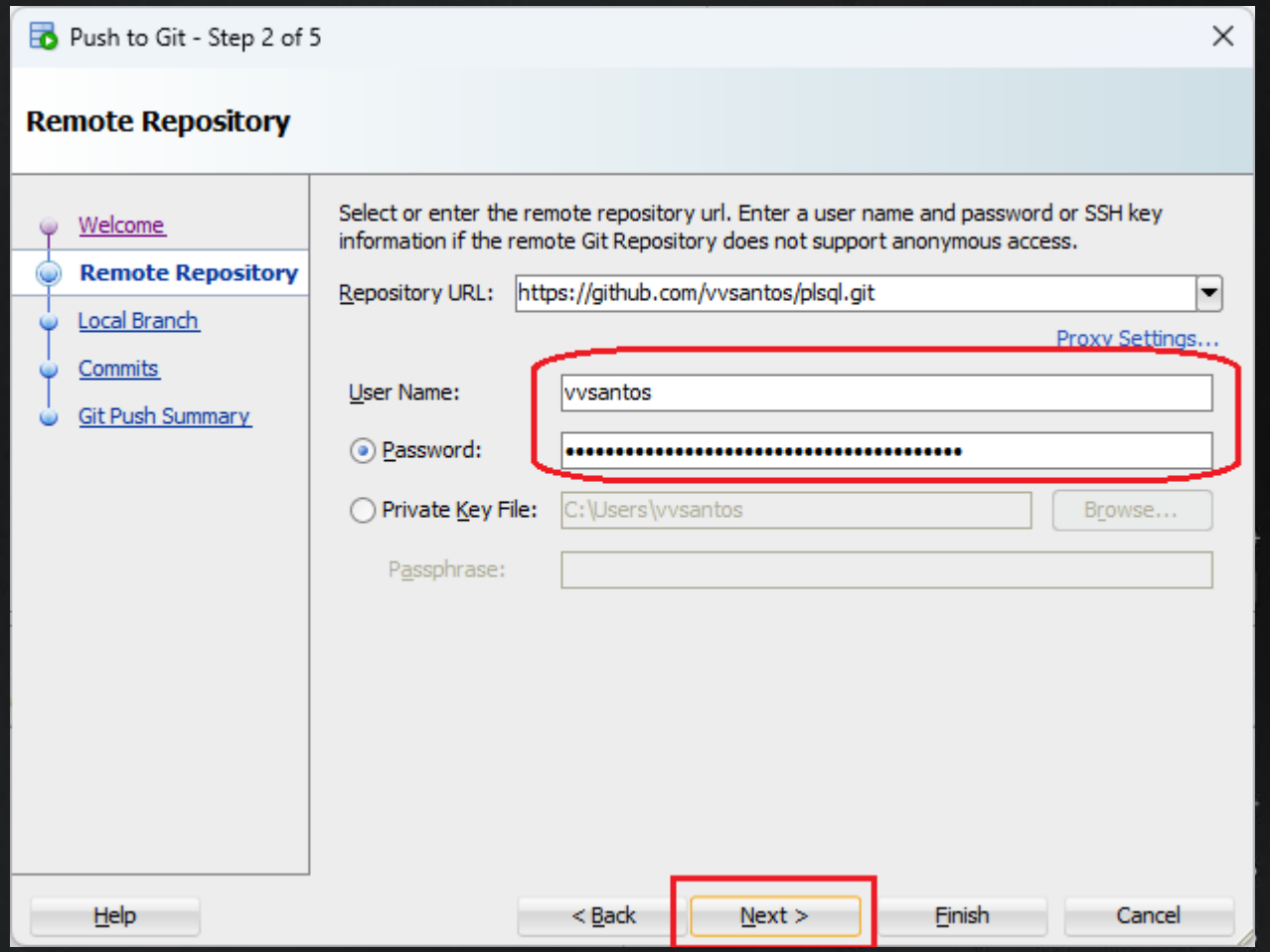


Clique em Next

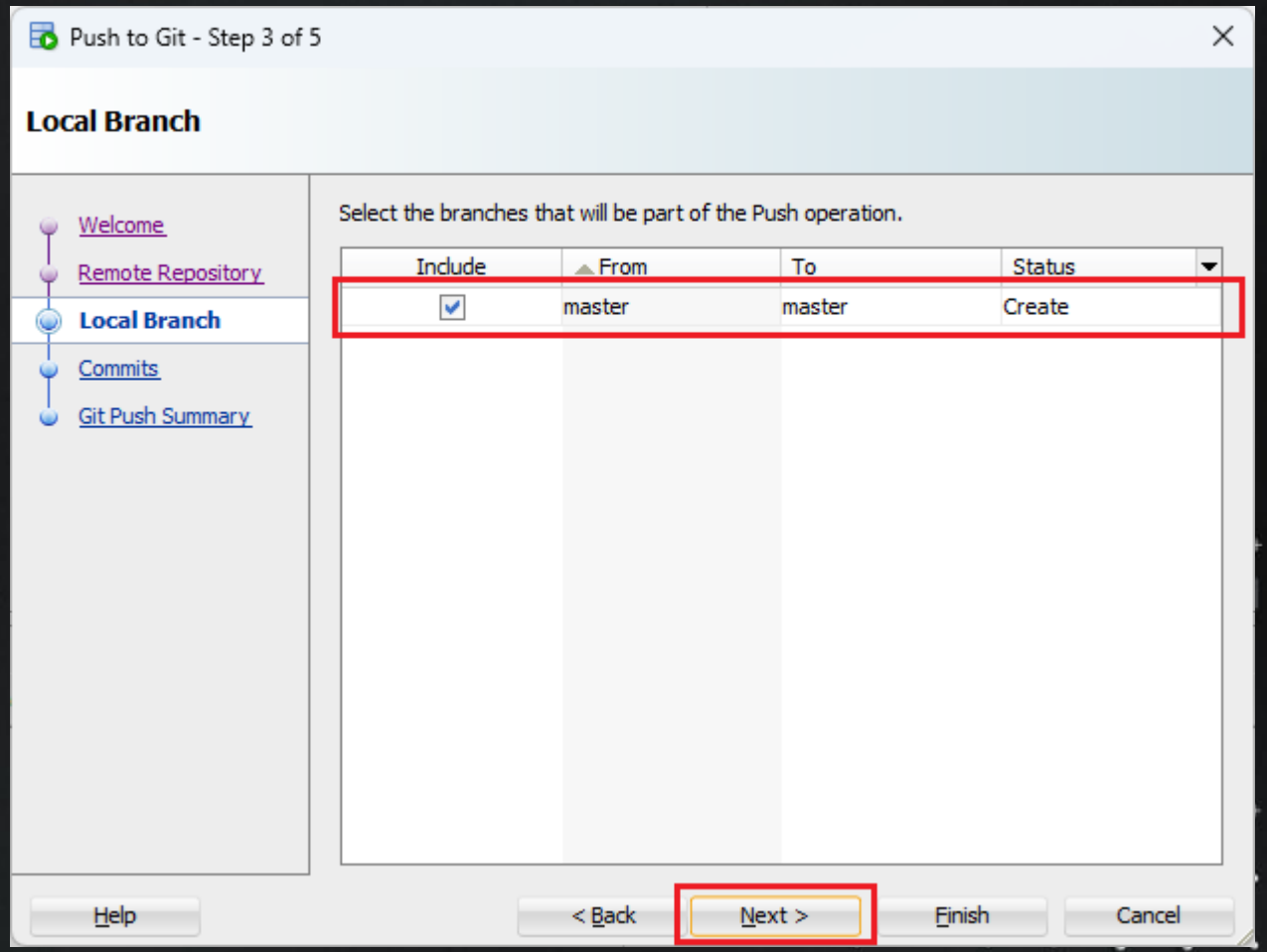


Passe as informações de login e clique em Next.

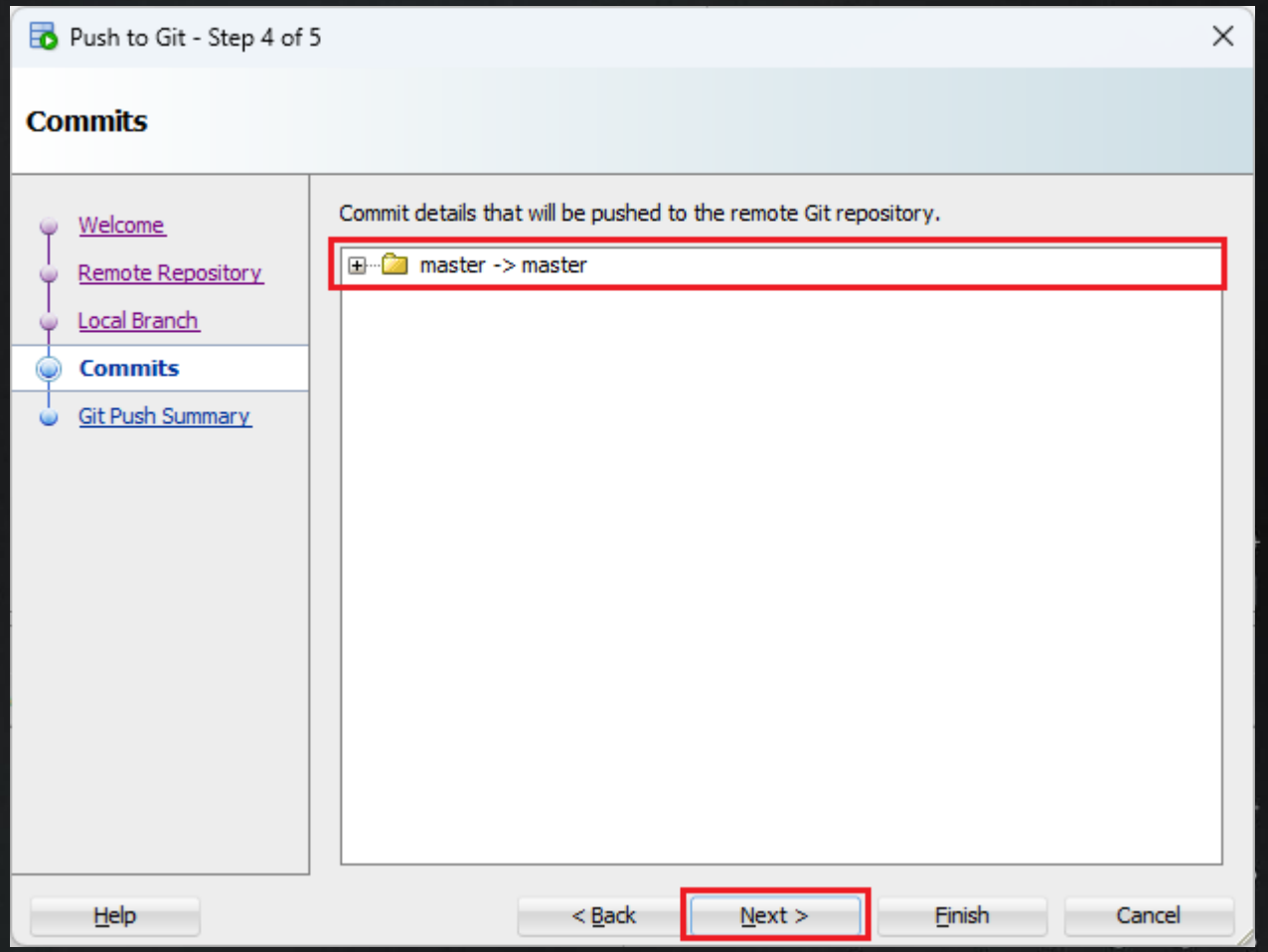
Obs.: Colocar o token gerado e não a senha.



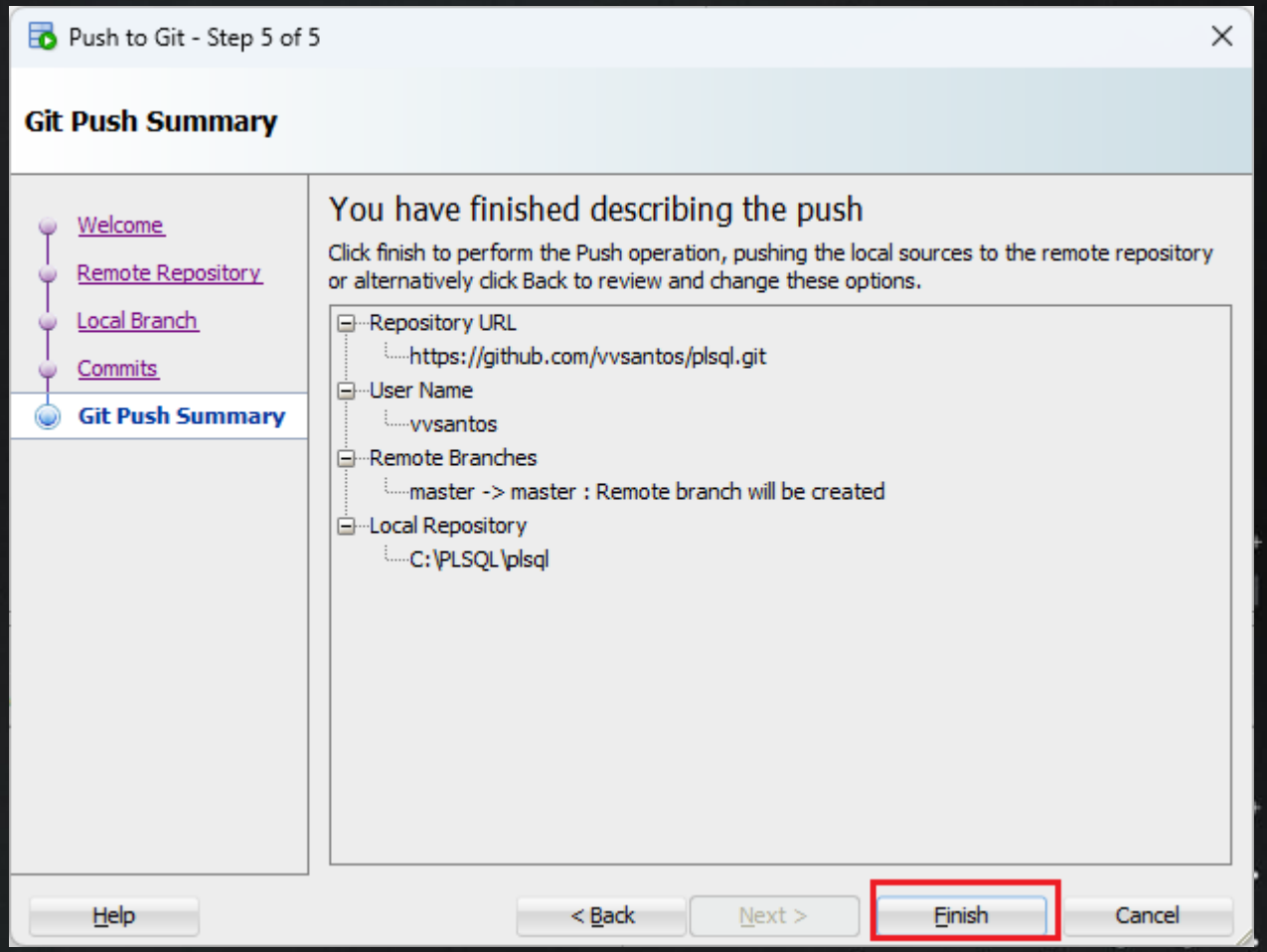
Clique em Next



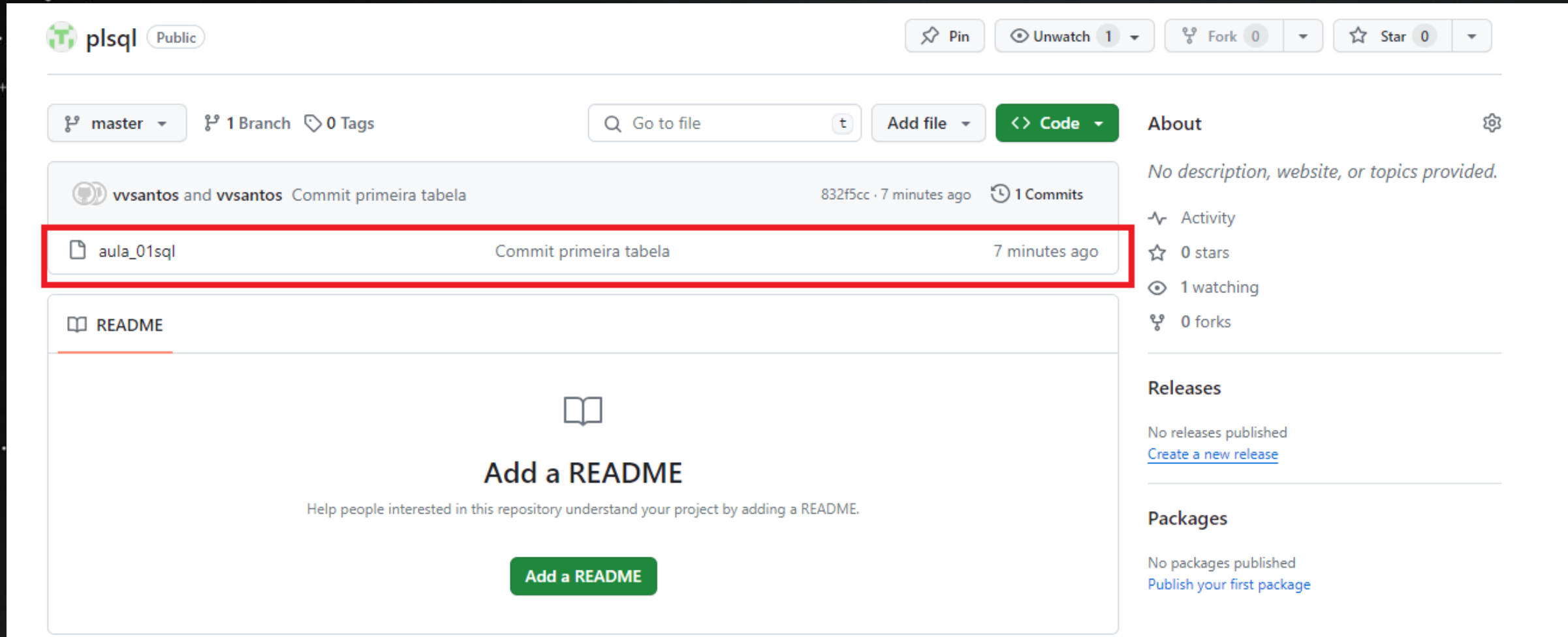
Clique em Next



Clique em Finish



Pronto, nossos arquivos criados em aula e exercícios podem ser sincronizados com o GitHub.



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