GitHub Actions

1. First create new repository on github or use exiting repository. I created new instalation for laravel app, and push to github.
   Then we are going to create new **github workflow** open you repository and navigate to *actions* and chooes you **workflow** based on application type.
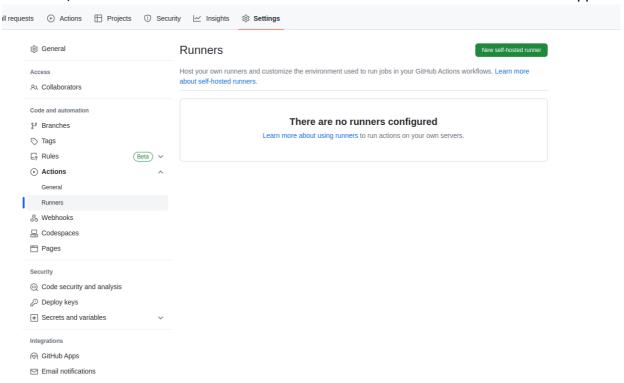
Create workflow.yml file with the folowing content. Ad Commit directly to the **main** branch.

```yaml
name: Laravel

on:
push:
    branches: [ "main" ]

jobs:
laravel-tests:
    runs-on: ubuntu-latest

    steps:
    - uses: actions/checkout@v3
    - name: Copy .env
    run: php -r "file_exists('.env') || copy('.env.example', '.env');"
    - name: Install Dependencies
    run: composer install -q --no-ansi --no-interaction --no-scripts --no-progress --prefer-dist
    - name: Generate key
    run: php artisan key:generate
    - name: Directory Permissions
    run: chmod -R 777 storage bootstrap/cache
```

Workflow file for this run

.github/workflows/laravel.yml at 21043f8

```
1   name: Laravel
2
3   on:
4     push:
5       branches: [ "main" ]
6
7   jobs:
8     laravel-tests:
9       runs-on: ubuntu-latest
10
11      steps:
12      - uses: actions/checkout@v3
13      - name: Copy .env
14        run: php -r "file_exists('.env') || copy('.env.example', '.env');"
15      - name: Install Dependencies
16        run: composer install -q --no-ansi --no-interaction --no-scripts --no-progress --prefer-dist
17      - name: Generate key
18        run: php artisan key:generate
19      - name: Directory Permissions
20        run: chmod -R 777 storage bootstrap/cache
21
22
23
```

2. We have to **Create self-hosted runner** navigate to settings / actions and click Runners from left side menu, and than click on the button **New self-hosted runner** to create runner for the app.

⊙ Actions	🗄 Projects ⓘ Security 〜 Insights ⚙ Settings

ll requests

General

Access
Aₓ Collaborators

Code and automation
ↄ Branches
◌ Tags
⊟ Rules (Beta) ⌄
⊙ Actions ⌃
   General
   Runners
⅋ Webhooks
⊟ Codespaces
⊟ Pages

Security
⊙ Code security and analysis
⌀ Deploy keys
⊛ Secrets and variables ⌄

Integrations
⊙ GitHub Apps
✉ Email notifications

Runners   New self-hosted runner

Host your own runners and customize the environment used to run jobs in your GitHub Actions workflows. Learn more about self-hosted runners.

There are no runners configured

Learn more about using runners to run actions on your own servers.