

# Tugas TOS (Pengenalan GIT & GITHUB 1)

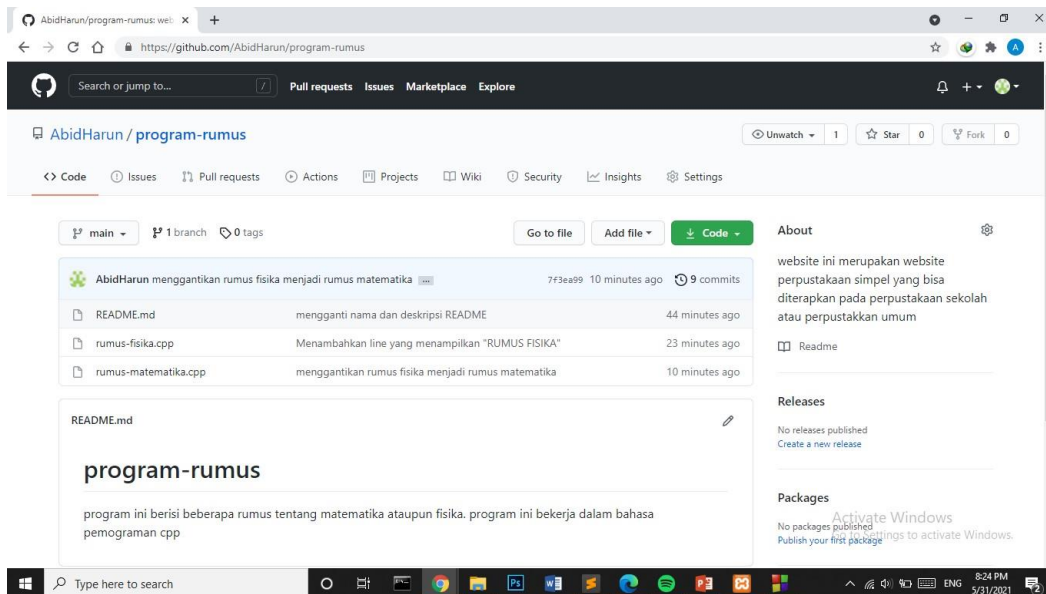
Nama : Abid Muhaimin Harun

NIM : 531419055

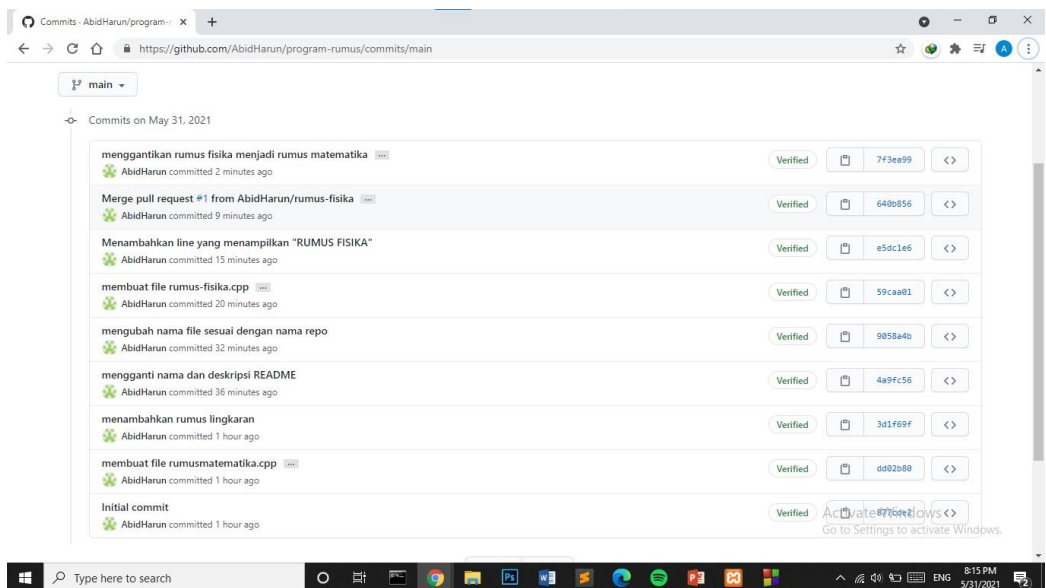
Kelas : C – Sistem Informasi

## Bagian Pertama

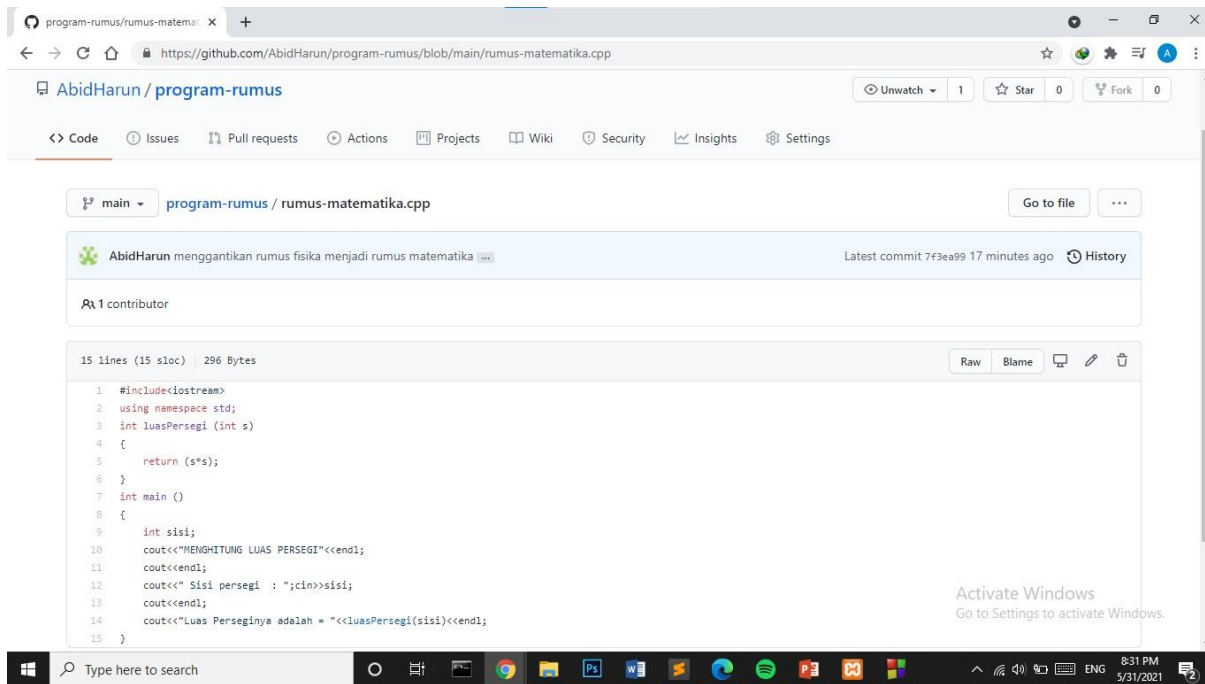
### 1. isi repository “program-rumus”



### 2. history commit dari repository “program-rumus”



### 3. Isi dari file “rumus-matematika.cpp”

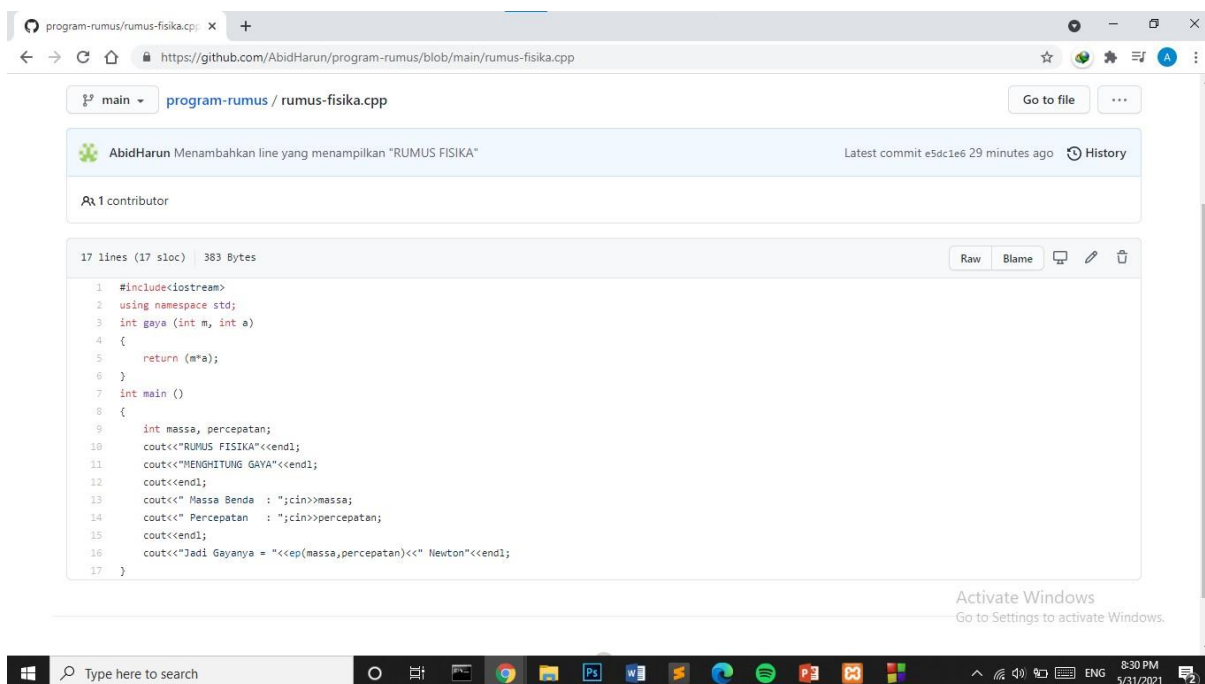


The screenshot shows a GitHub repository page for the file `program-rumus / rumus-matematika.cpp`. The repository is owned by `AbidHarun` and has 1 star, 0 forks, and 0 watchers. The latest commit, titled "AbidHarun menggantikan rumus fisika menjadi rumus matematika", was made 17 minutes ago. The file is 15 lines long (15 sloc) and 296 bytes. The code is as follows:

```
1 #include<iostream>
2 using namespace std;
3 int luasPersegi (int s)
4 {
5     return (s*s);
6 }
7 int main ()
8 {
9     int sisi;
10    cout<<"MENGHITUNG LUAS PERSEGI"<<endl;
11    cout<<endl;
12    cout<<" Sisi persegi : ";cin>>sisi;
13    cout<<endl;
14    cout<<"Luas Perseginya adalah = "<<luasPersegi(sisi)<<endl;
15 }
```

The Windows taskbar at the bottom shows the time as 8:31 PM on 5/31/2021.

### 4. Isi dari file “rumus-fisika.cpp”

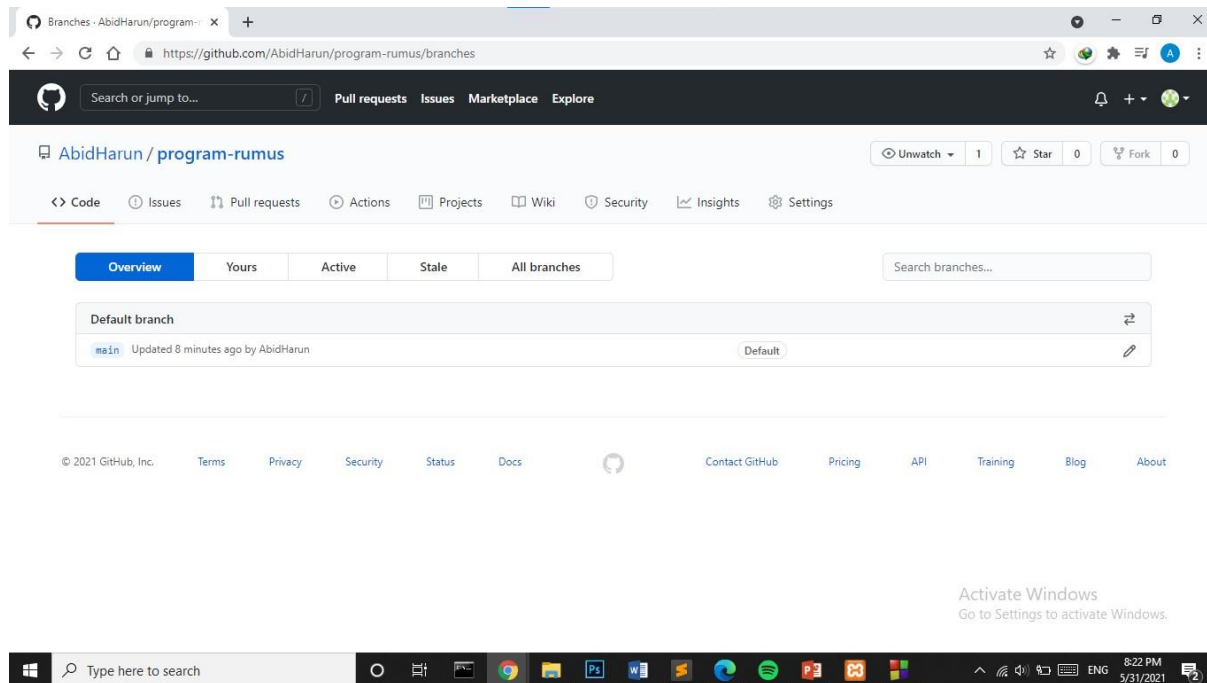


The screenshot shows a GitHub repository page for the file `program-rumus / rumus-fisika.cpp`. The repository is owned by `AbidHarun` and has 1 star, 0 forks, and 0 watchers. The latest commit, titled "AbidHarun Menambahkan line yang menampilkan 'RUMUS FISIKA'", was made 29 minutes ago. The file is 17 lines long (17 sloc) and 383 bytes. The code is as follows:

```
1 #include<iostream>
2 using namespace std;
3 int gaya (int m, int a)
4 {
5     return (m*a);
6 }
7 int main ()
8 {
9     int massa, percepatan;
10    cout<<"RUMUS FISIKA"<<endl;
11    cout<<"MENGHITUNG GAYA"<<endl;
12    cout<<endl;
13    cout<<" Massa Benda : ";cin>>massa;
14    cout<<" Percepatan : ";cin>>percepatan;
15    cout<<endl;
16    cout<<"Jadi Gayanya = "<<ep(massa,percepatan)<<" Newton"<<endl;
17 }
```

The Windows taskbar at the bottom shows the time as 8:30 PM on 5/31/2021.

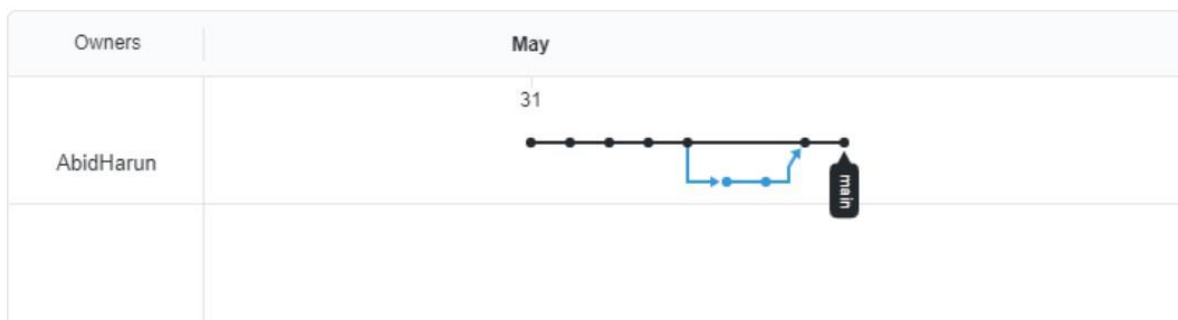
## 5. Sisa branch ketika sudah menghapus branch “rumus-fisika”



## 6. Network Graph setelah di merge

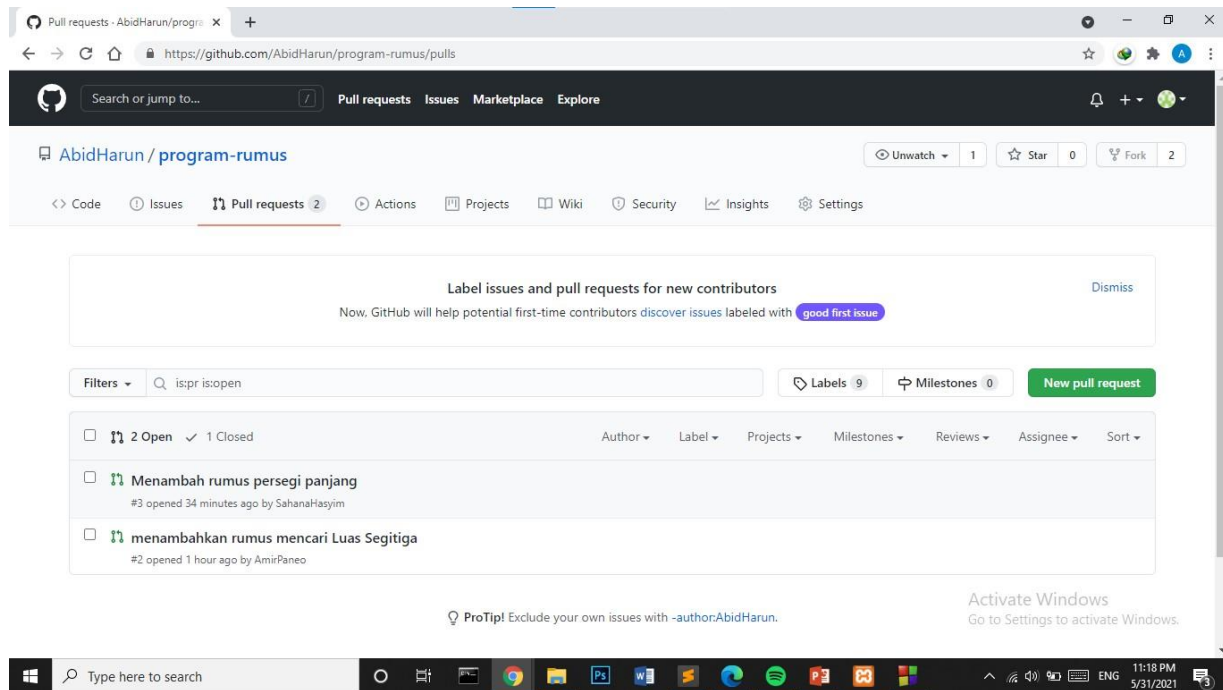
### Network graph

Timeline of the most recent commits to this repository and its network ordered by most recently pushed to.

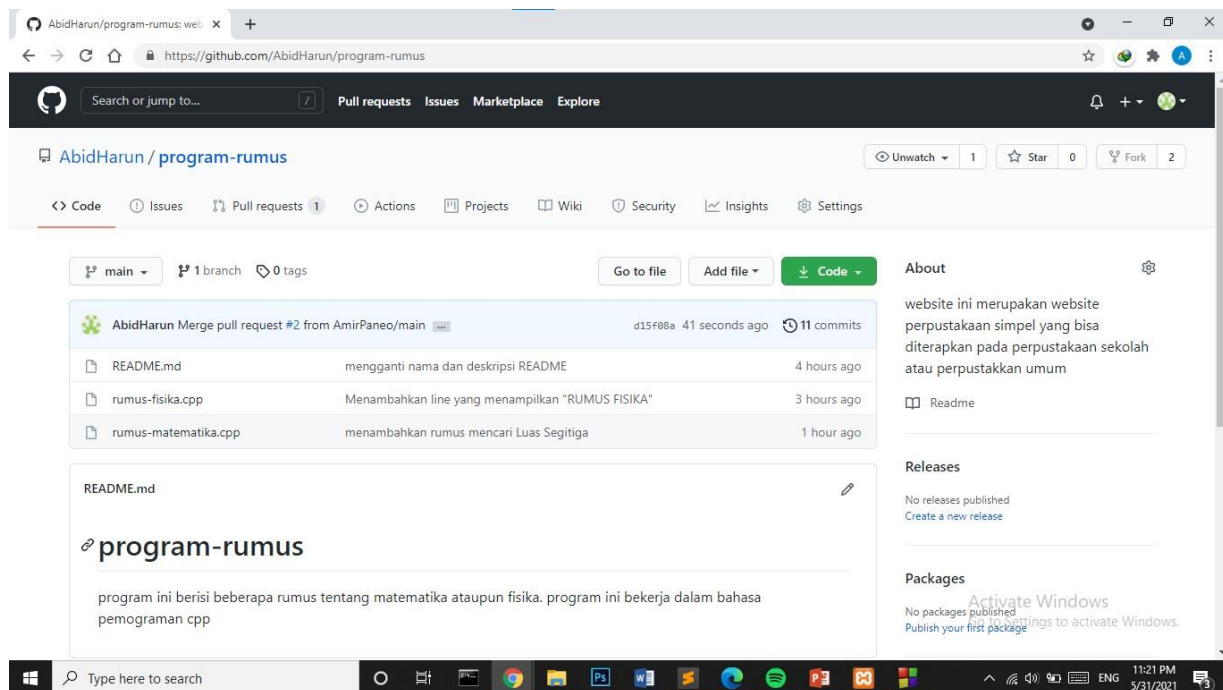


## Bagian Kedua

### 1. Terdapat notifikasi pull request



### 2. Menerima pull request dari AmirPaneo. Dan berhasil di merge



### 3. Tersisa pull request dari SahanaHasyim. Terdapat conflict pada request SahanaHasyim

The screenshot shows a GitHub pull request titled "Menambah rumus persegi panjang #3" by user "SahanaHasyim". The pull request is from the "patch-1" branch to the "main" branch of the repository "AbidHarun/program-rumus". The status is "Still in progress? Convert to draft". The pull request is verified and has a commit hash of 4bfc6e. A message "Mohon dipertimbangkan yaa" is visible. Below the pull request details, a conflict is shown for the file "rumus-matematika.cpp". The message states: "This branch has conflicts that must be resolved. Use the web editor or the command line to resolve conflicts." A "Resolve conflicts" button is present. The "Conflicting files" section lists "rumus-matematika.cpp". Below this, there is a "Merge pull request" button and a note: "You can also open this in GitHub Desktop or view command line instructions." The right sidebar shows the pull request details, including assignees, labels, projects, milestones, and linked issues. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

### 4. Melakukan Resolve Conflict pada request SahanaHasyim

The screenshot shows the "Resolve Conflicts" page for the pull request "Menambah rumus persegi panjang #3". The page is titled "Resolve Conflicts - Pull Request #3" and shows the URL "https://github.com/AbidHarun/program-rumus/pull/3/conflicts". The page is divided into two main sections: "1 conflicting file" and "rumus-matematika.cpp". The "1 conflicting file" section shows a list of files with a green checkmark next to "rumus-matematika.cpp". The "rumus-matematika.cpp" section shows the code for the file, with a "Resolved" status indicated by a green checkmark. The code is as follows:

```
5 return (*s);
6 }
7
8 int luasPersegiPanjang (int p, int l)
9 {
10 return (p*l);
11
12 int luasSegitiga (int alas)
13 {
14 return ( 1/2 * alas );
15
16 }
17
18 int main ()
19 {
20 int sisi, alas, p, l;
21 cout<<"MENGHITUNG LUAS PERSEGI"<<endl;
22 cout<<endl;
23 cout<<" Sisi persegi : ";cin>>sisi;
24 cout<<endl;
25 cout<<"Luas Perseginya adalah = "<<luasPersegi(sisi)<<endl;
26
27 cout<<"MENGHITUNG LUAS PERSEGI PANJANG"<<endl;
28 cout<<endl;
```

The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

## 5. Berhasil resolve dan request sudah bisa di merger

The screenshot shows a GitHub pull request titled "Menambah rumus persegi panjang" (#3) by user SahanaHasyim. The pull request is ready for merge, as indicated by the green "Merge pull request" button. The commit history shows two commits: "Menambah rumus persegi panjang" (4bFca6e) and "Merge branch 'main' into patch-1" (2f7bca0). A message states: "Continuous integration has not been set up. GitHub Actions and several other apps can be used to automatically catch bugs and enforce style." Another message confirms: "This branch has no conflicts with the base branch. Merging can be performed automatically." The right sidebar shows settings for assignees, labels, projects, milestones, linked issues, and notifications. The bottom of the screen shows the Windows taskbar with various application icons.

The screenshot shows the GitHub repository page for "AbidHarun/program-rumus". The repository has 14 commits and 2 forks. The commit history shows three commits: "README.md" (mengganti nama dan deskripsi README, 4 hours ago), "rumus-fisika.cpp" (Menambahkan line yang menampilkan "RUMUS FISIKA", 3 hours ago), and "rumus-matematika.cpp" (Merge branch 'main' into patch-1, 41 seconds ago). The README file is displayed, showing the title "program-rumus" and a description: "program ini berisi beberapa rumus tentang matematika ataupun fisika. program ini bekerja dalam bahasa pemrograman cpp". The right sidebar shows the "About" section, which describes the repository as a website for a simple library, and the "Releases" and "Packages" sections, both of which are empty.