

<KWOC/> 19 FINAL EVALUATION REPORT

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Github link: <https://github.com/Annamaliakal>

Github Username: Annamaliakal

Projects contributed: Interview preparation kit

[<https://github.com/maze-runnar/interview-preparation-kit>]

Pull requests merged: 1/1

[<https://github.com/maze-runnar/interview-preparation-kit/pull/42>]

Mentored By: Sundaram Dubey

Organised By: <https://kwoc.kossiitkgp.org/>

About KWoC

Kharagpur Winter of Code is a 5-week long online contest organised by the open-source community at IIT Kgp to help budding programmers get started in open source and prepare them for competitions like GSoC.

About Me

I'm Anna Emmanuel a 2 nd year Computer Science student at Govt.Model Engineering College, Thrikkakara. I love experimenting with code. I want to upskill myself and learn new things each day to stay up-to-date with the changing tech.

My contributions

Project:


Interview-preparation-kit

This project is based on helping students by providing solutions to all the problems of [Interview Preparation Kit](#) on HackerRank in C++, Java, Python and Javascript. So as to learn and find a better way to solve them.

My pull request:

I created primality.cpp concerning with one of the problems given in the interview preparation kit and got it merged. The language used for solving the problem was C++.

[\[https://github.com/maze-runnar/interview-preparation-kit/pull/42\]](https://github.com/maze-runnar/interview-preparation-kit/pull/42)

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Created Primality.cpp and updated Readme #42 Edit

Merged maze-runner merged 2 commits into maze-runner:master from Annamaliakal:master 17 days ago

Conversation 3 Commits 2 Checks 1 Files changed 2 +47 -1

Changes from 1 commit File filter... Jump to... Review changes

Created Primality.cpp master (#42) half-way 4.0.1

Annamaliakal committed 20 days ago Verified commit 02a431d5846925e21dbe628a20b315218e46f2d2

46 Miscellaneous/Primality.cpp

```
... @@ -0,0 +1,46 @@
1 + #include <bits/stdc++.h>
2 + #include <math.h>
3 +
4 + using namespace std;
5 +
6 + string primality(int n) {
7 +
8 +     int c=0;
9 +     for(int i=2; i<=sqrt(n);i++)
10 +     {
11 +         if(n%i==0){
12 +             c=1;
13 +             break;
14 +         }
15 +     }
16 +
17 +     if(c==1||n==1)
18 +         return("Not prime");
19 +     else
20 +         return("Prime");
21 +
22 +
23 + }
24 +
25 + int main()
26 + {
27 +     ofstream fout(getenv("OUTPUT_PATH"));
28 +
29 +     int p;
30 +     cin >> p;
31 +     cin.ignore(numeric_limits<streamsize>::max(), '\n');
32 +
33 +     for (int p_itr = 0; p_itr < p; p_itr++) {
34 +         int n;
35 +         cin >> n;
36 +         cin.ignore(numeric_limits<streamsize>::max(), '\n');
37 +
38 +         string result = primality(n);
39 +
40 +         fout << result << "\n";
41 +     }
42 +
43 +     fout.close();
44 +
45 +     return 0;
46 + }
```

ProTip! Use [n] and [p] to navigate between commits in a pull request.

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Future of the project:

The project currently has solutions to the problems of Interview Preparation Kit on HackerRank in C++, Java, Python and Javascript. In the future, we can add solutions to these using other languages like C, Clojure, Ruby etc. My association with the project has been a close one and I'll keep contributing to it, as and when necessary.