

Hi! Welcome to your third coding assignment.

- 1.** Congratulations for being so diligent and having made it so far. We hope you have been honest to yourself while submitting the assignments.
- 2.** The level two was a slightly longer assignment because we wanted to test whether you are focussed while you code. In this assignment, we want to see your creativity and how quickly you learn something absolutely new.
- 3.** This assignment can be completed alone, but like always we want you to team up. And this time we make it compulsory for you to work in pairs or in groups of three. So, talk on the whatsapp group and find yourself a partner.

Telegram Conversational Bot:

Ashi and Paran must have told you about how they became friends while working on the same telegram bot code. This is one of their most favourite projects and they want to introduce you to bots as well.

We want you to build a telegram bot which can handle conversations with users. What this means is something we want you to figure out, until now we have been explaining projects to you but now we want you to figure out on your own how a telegram bot is made. Go through documentation for beginners, look at other bot codes and make yourself a telegram bot. It's simple and interesting.

For this project, you will need to also create a database which can be viewed, hence we urge you to work with MySQL, SQLite or SQL databases - whatever you feel comfortable with. But by the time you hand over the bot to us, we would want you to send us a screenshot of your CSV file/or your CSV file directly once the bot is ready. Hence this isn't something you can skip.

Questions: *(in this particular sequence only)*

1. What is your name?

2. Which college are you from?

3. How did you get to know about SideProjects?

(I want you to use Reply Markup Keyboard here with four options - Friends, Whatsapp Group, LinkedIn, Facebook)

4. Which programming languages do you know?

(I want you to use Reply Markup Keyboard here with options of the following languages - Java, JavaScript, Python, CSS, C++, C, C#, HTML, HTML5, PHP, Objective C, SQL, R and Ruby - these must be there you can add more if you want)

5. Do you know any frameworks? Please list them.

6. Have you previously done any projects? (Yes or No)

7. How confident are you about your programming skills?

(Use Reply Markup Keyboard here with following options: Very Confident, Confident Enough, Still learning)

8. Please share your github repository for us to keep a track of your work.

9. Based on your skills and experience, we feel you should join the SideProjects levelling process at: - Level1/Level2/Level3/Level4. Please further communicate with SideProjects admin. Happy Coding!

(This is a tricky one - based on the number of languages chosen in question 4, Yes/No in question 5 and 6, and confidence level in question 7 we want your bot to be able to make a calculation as to where should this user be placed - be creative!)