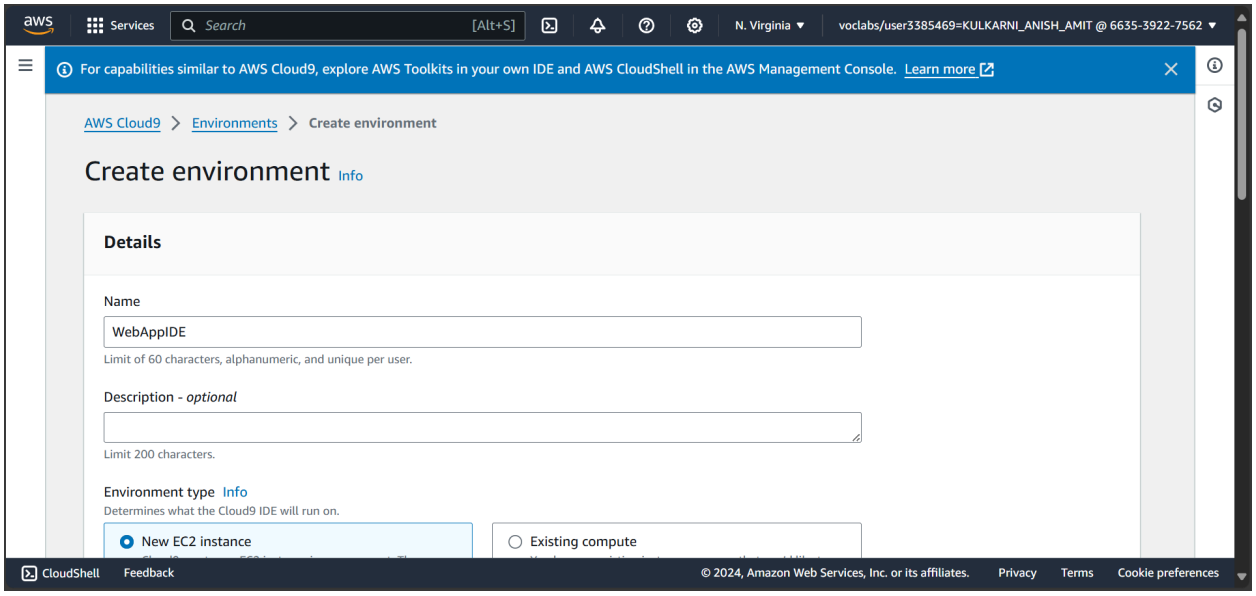
Name: Anish Kulkarni Roll No.: 29 Class: D15C AY: 2024-25

# Cloud9 setup, launch and collaboration [Exp 1(b)]

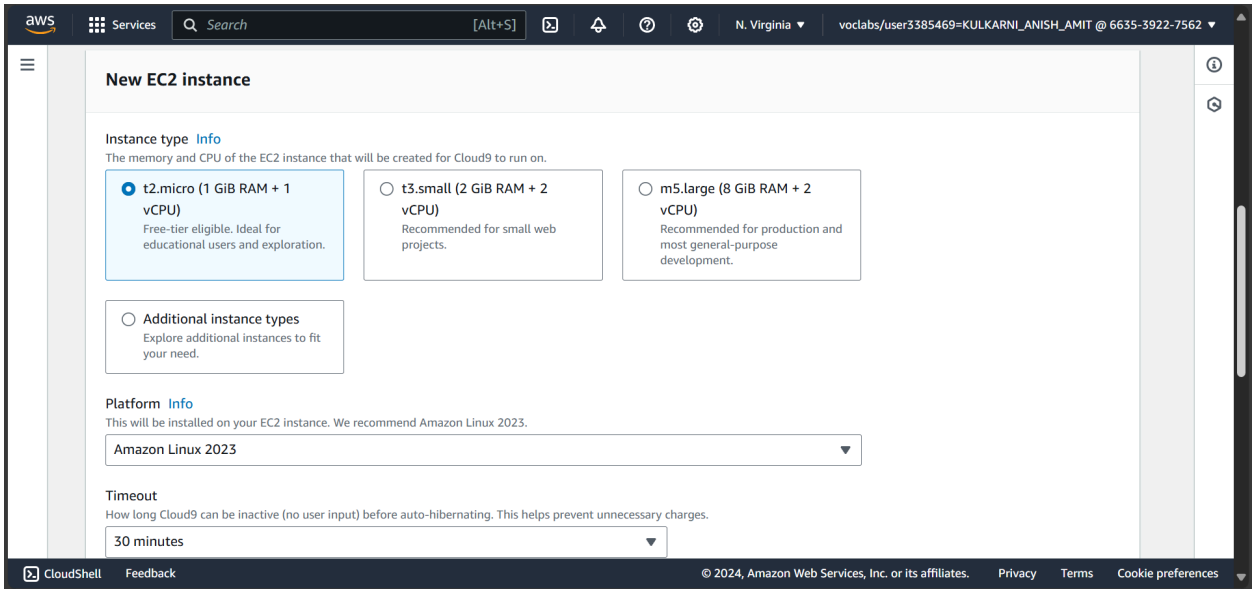
**Aim:** To understand the benefits of Cloud infrastructure and setup AWS Cloud9 IDE, launch AWS Cloud9 IDE and perform collaboration demonstration.

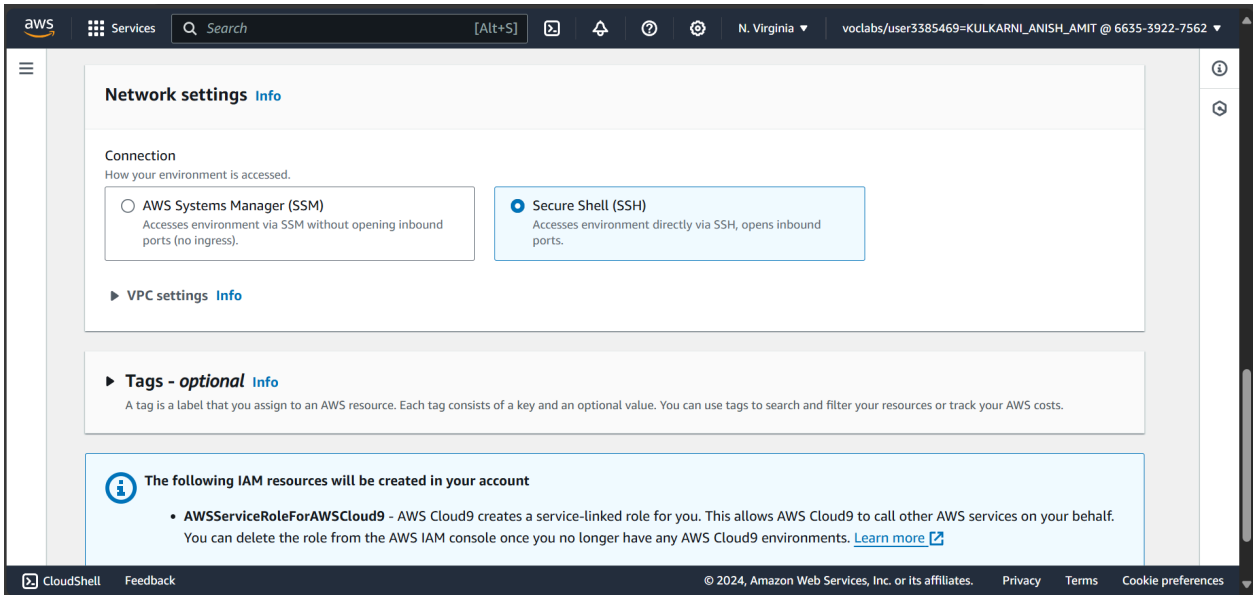
## Steps:-

Step 1: Log into your AWS account and navigate to Cloud9 and click on ‘Create environment’ option. Give your environment a name.

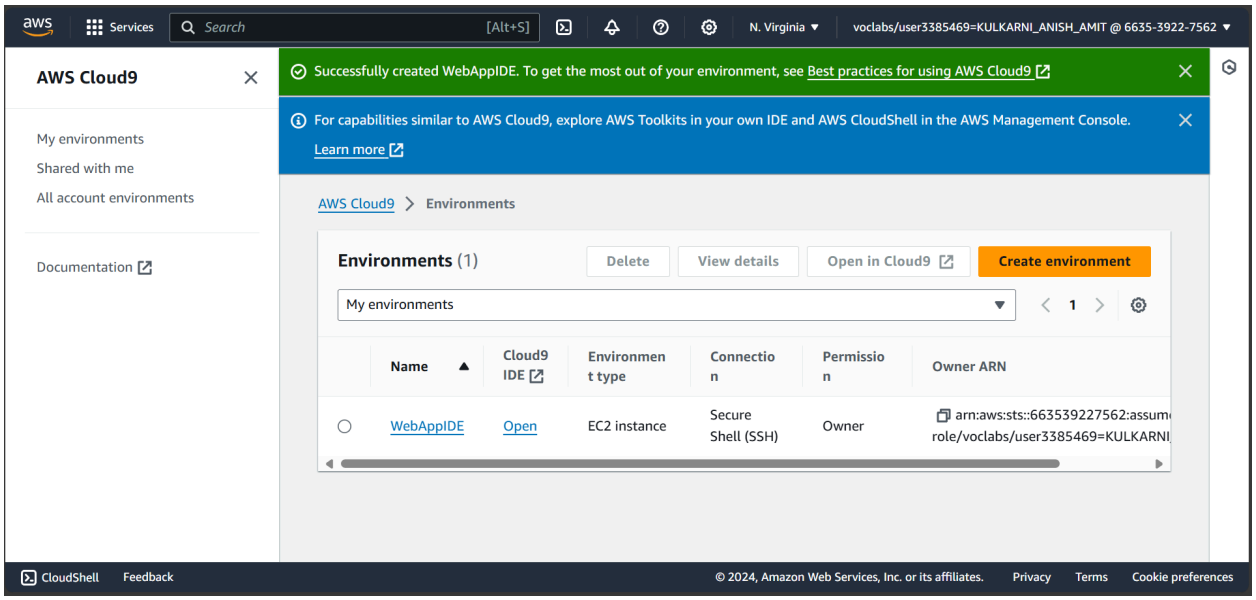


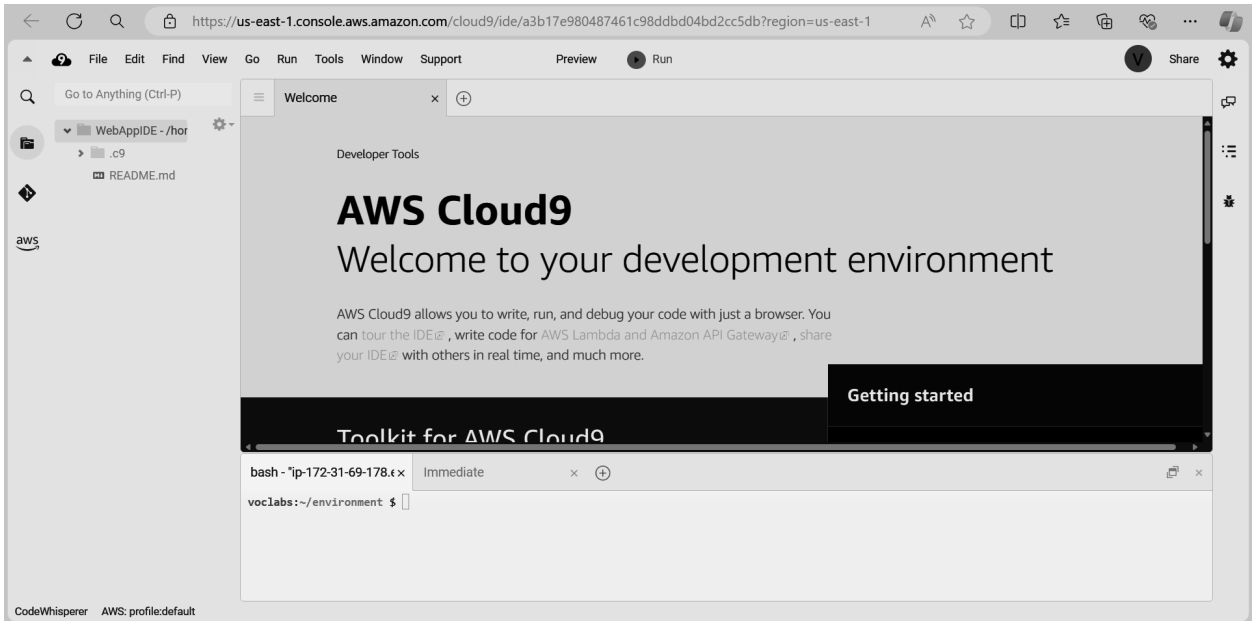
Step 2: Keep all settings as default and click on Next.



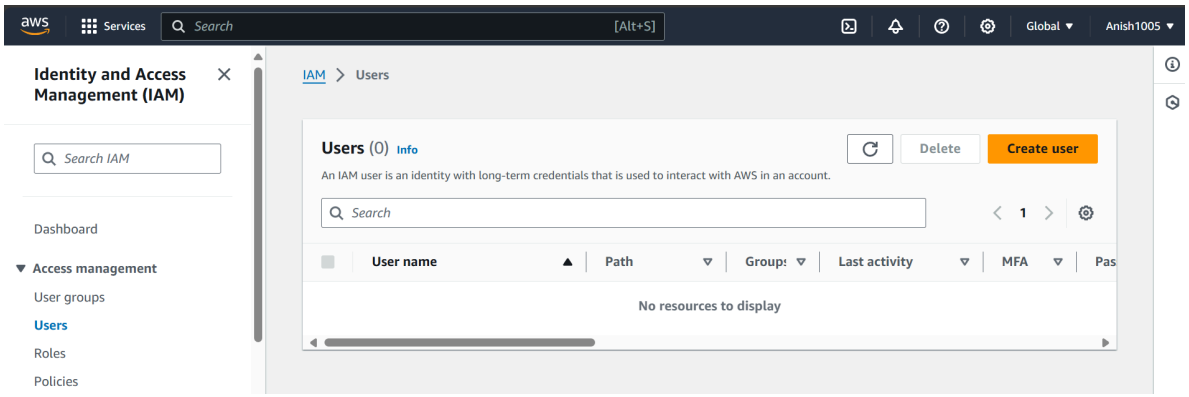



Step 3: Review your environment options and click on ‘Create environment’. Your environment is created.

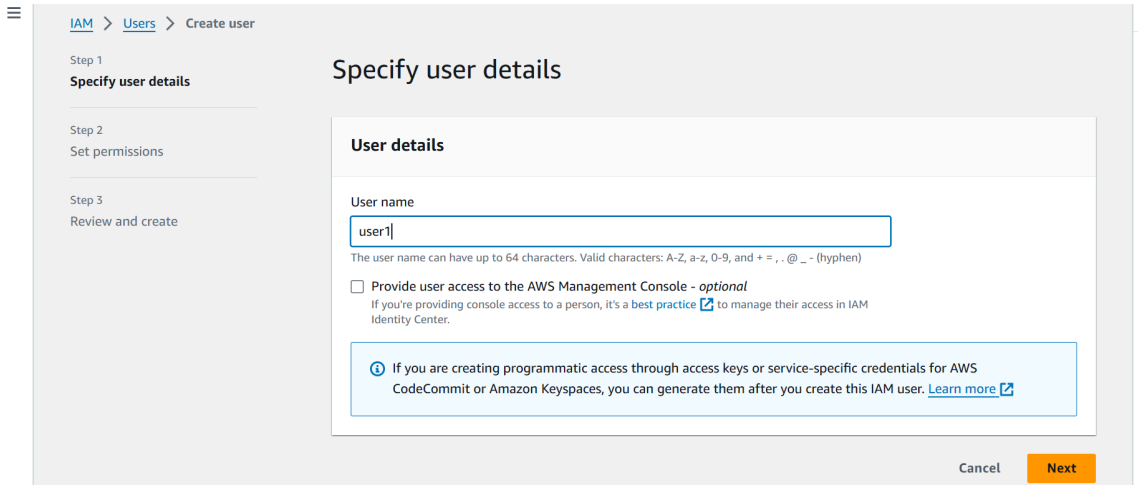


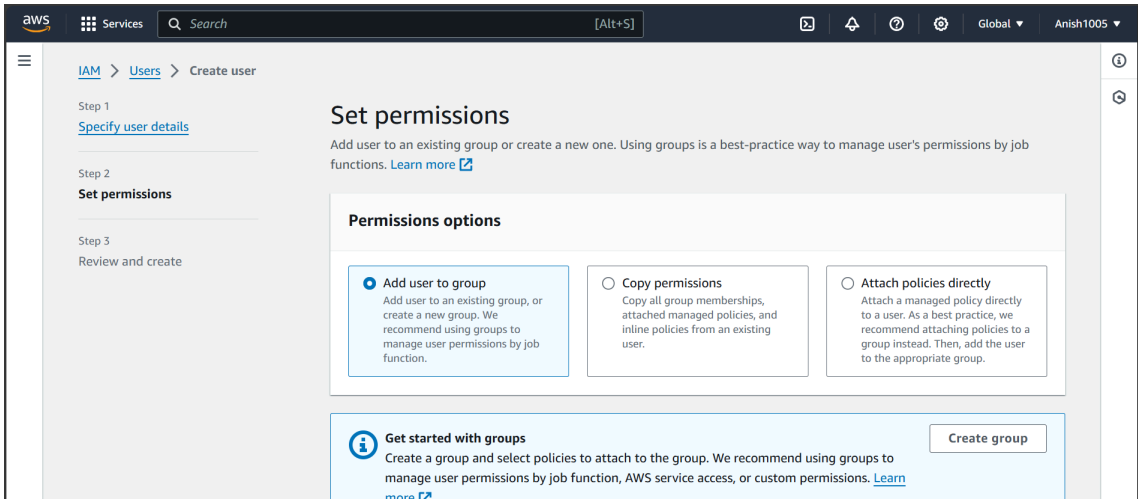
Step 4: Navigate to IAM (Identity and Access Management), click on ‘Users’ tab and click on ‘Create User’.



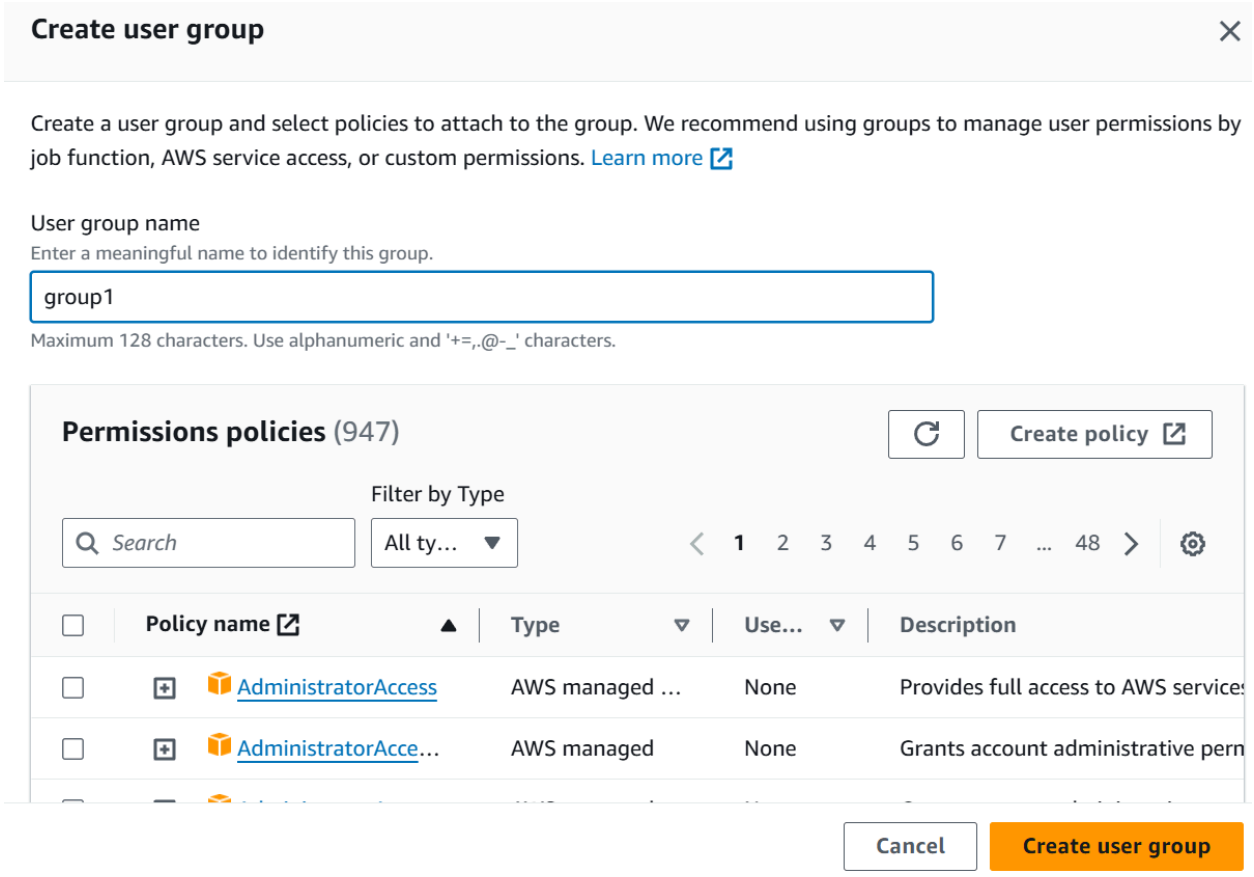

Step 5: Give a name to your user and click on ‘Next’.



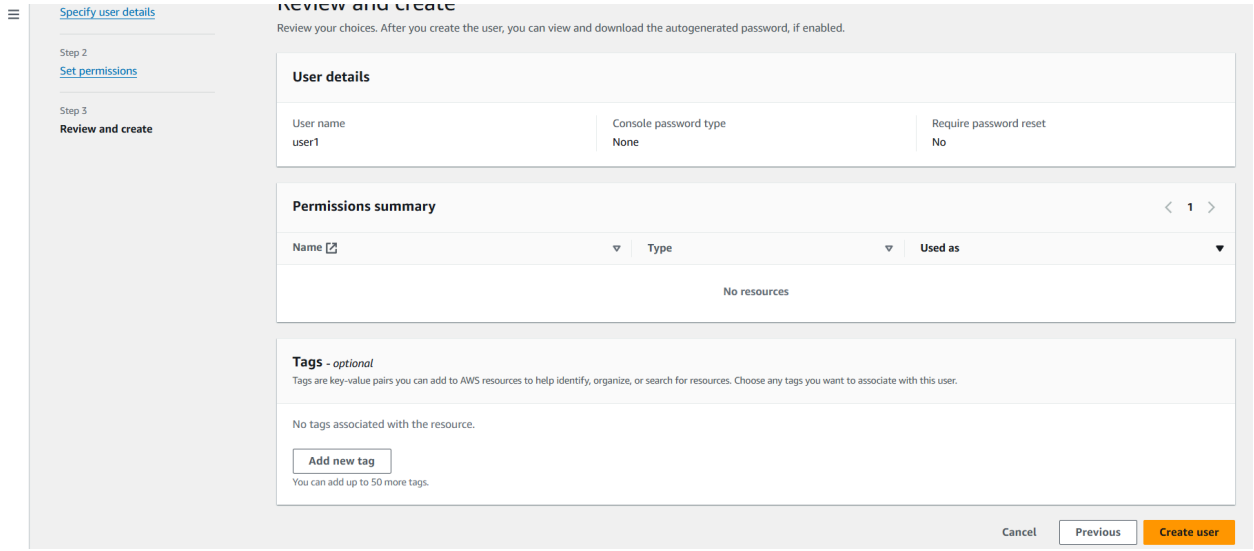

Step 6: Set permissions for your user and click on ‘Create group’ option.



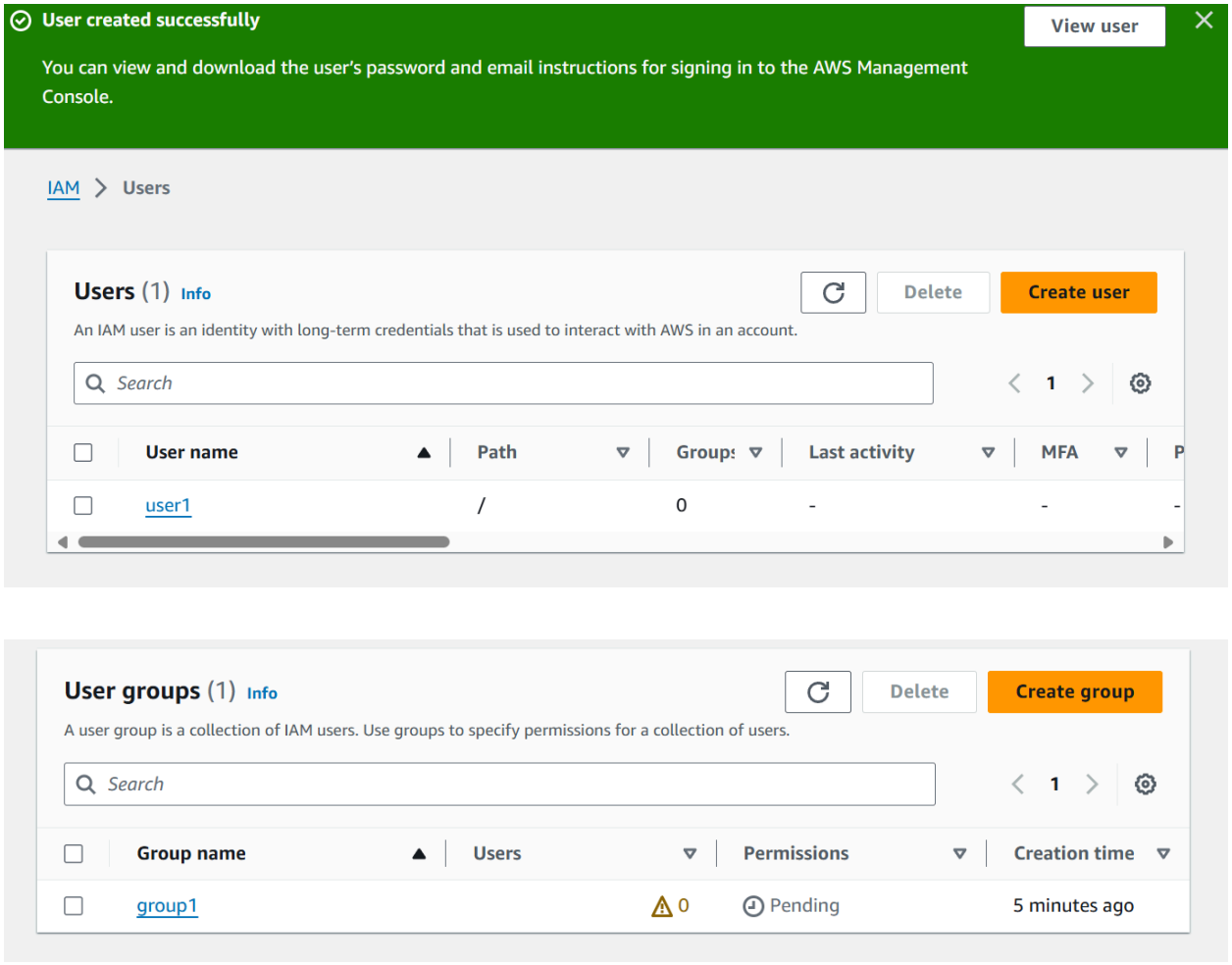
Step 7: Give a name to your user group and click on ‘Create user group’’.



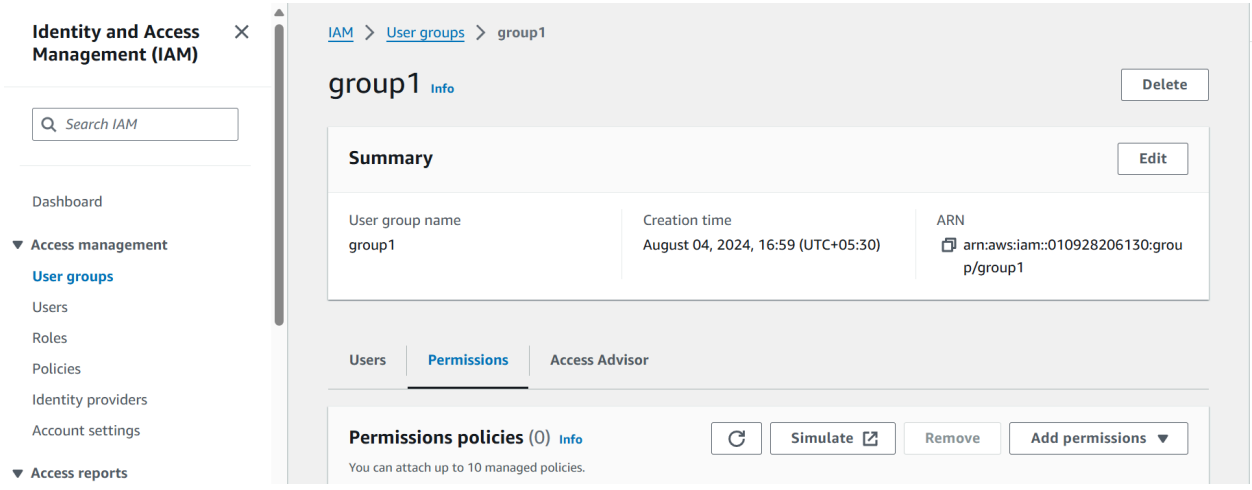

Step 8: Review your user options and click on ‘Create user’.



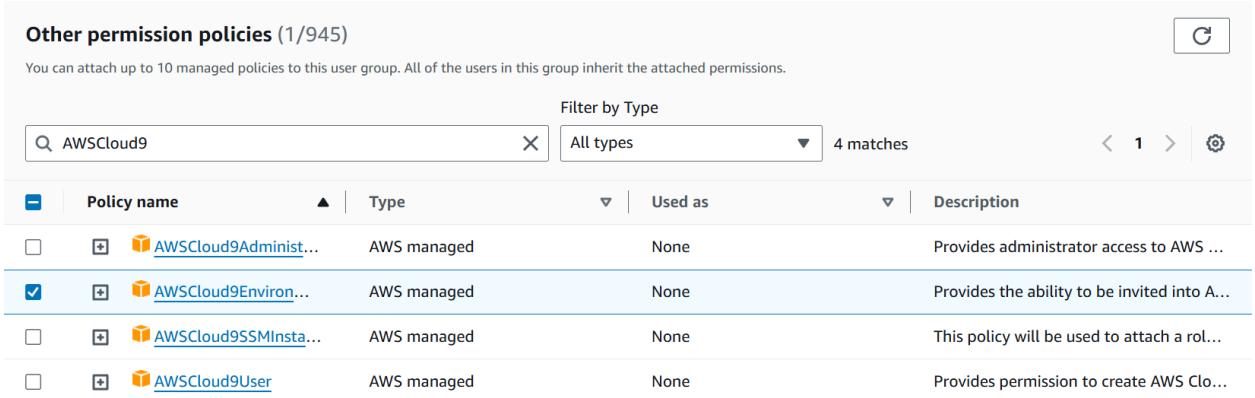
Step 9: User and User group are created successfully.




Step 10: Open the 'User groups' tab and click on the name of your group.

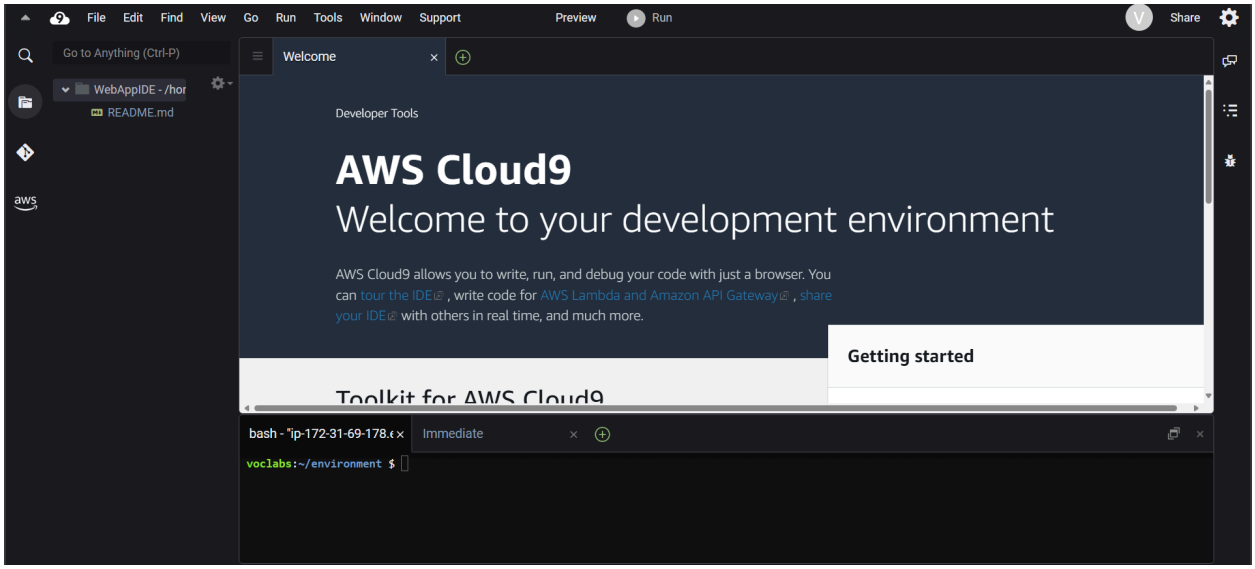


Step 11: Go to permissions and click on ‘Add permissions’. Then, click on ‘Attach policies’ and attach any policies as per your requirement.

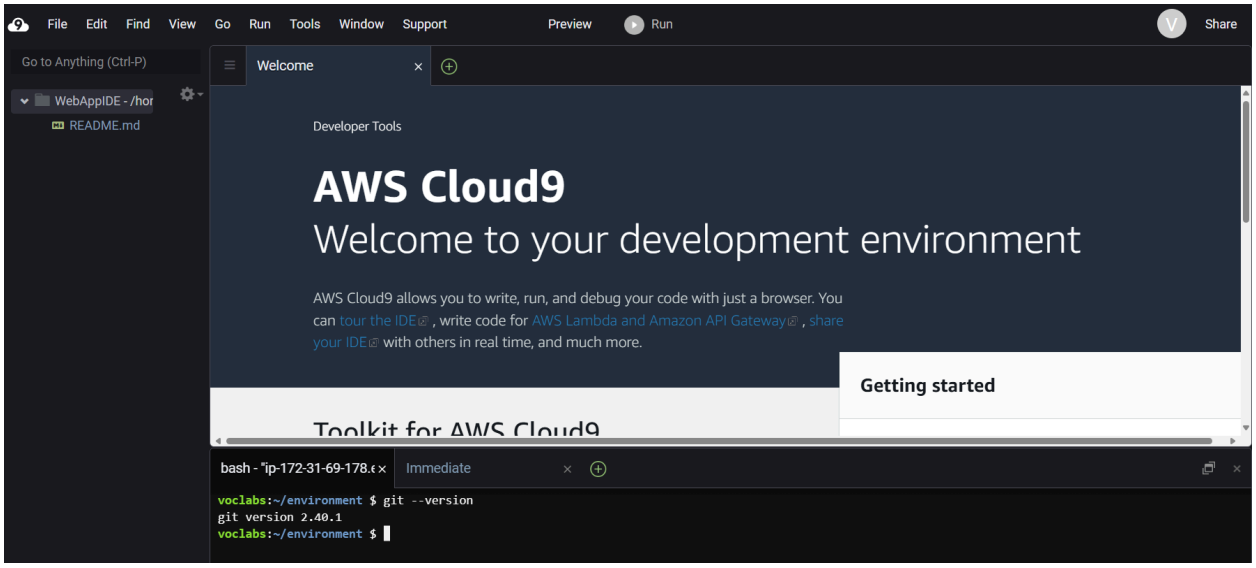



This attaches the policies to your user group.

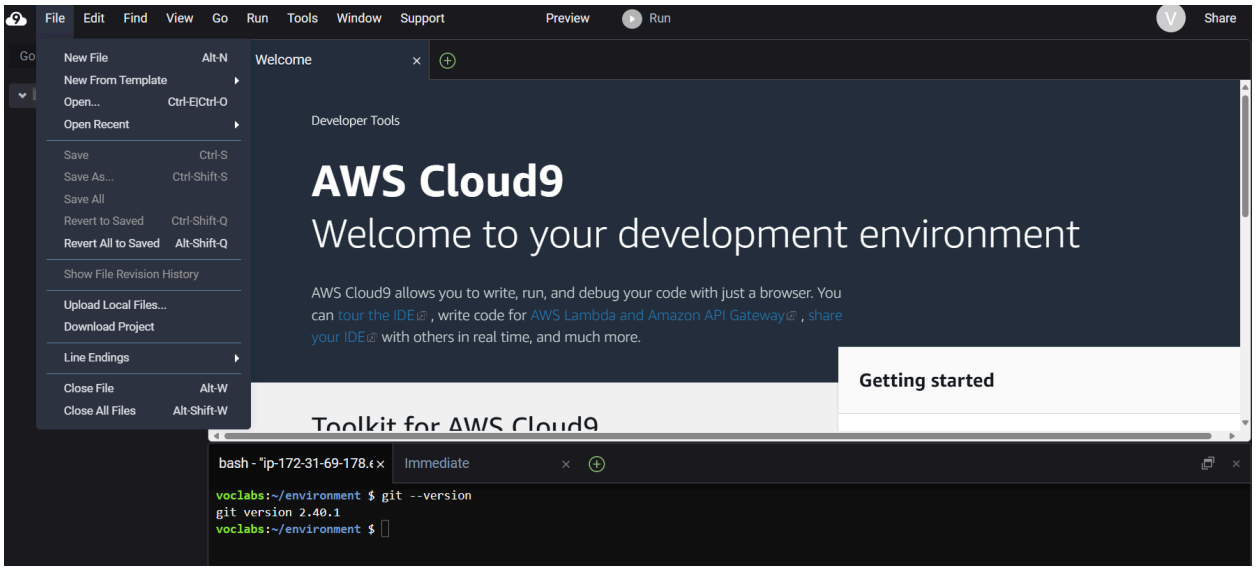
Step 12: To work on the Cloud9 IDE interface, enter commands into the command console which occupies the bottom one-third of the screen.



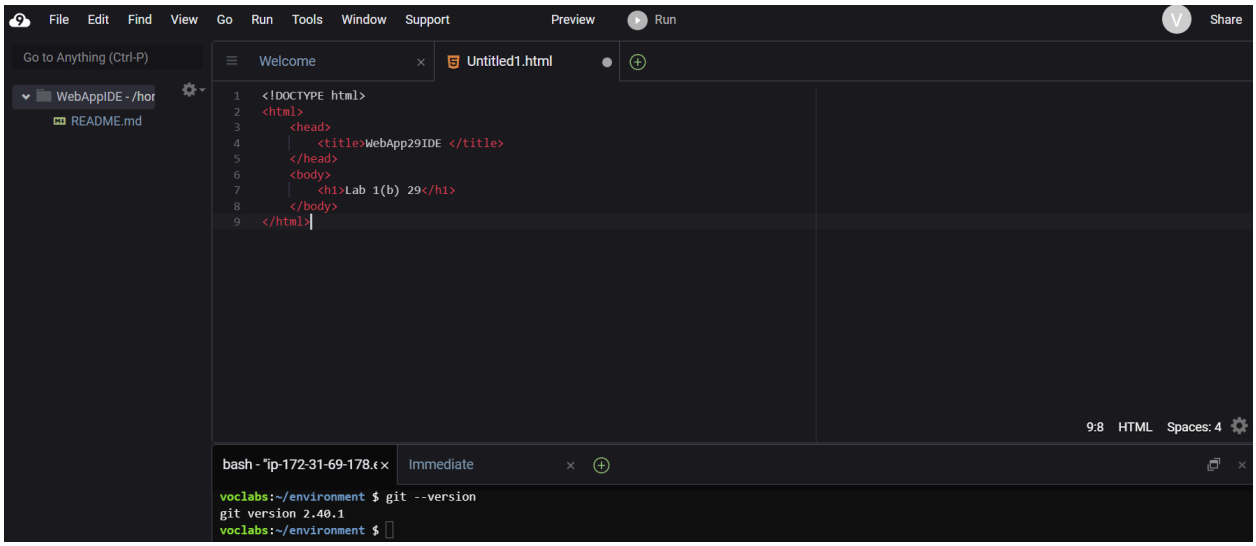
For example, entering the command ‘git –version’ produces the following output:-



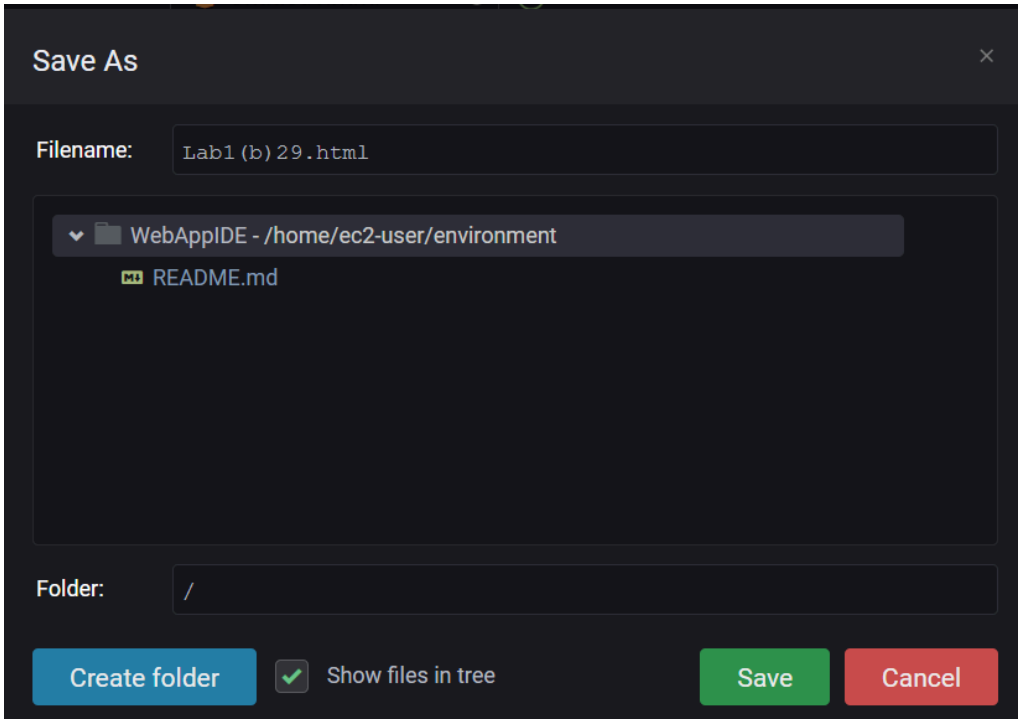

Step 13: To add a file, click on ‘File’ in the top left corner, then click on ‘New From Template’ and choose the type of file you want to create.



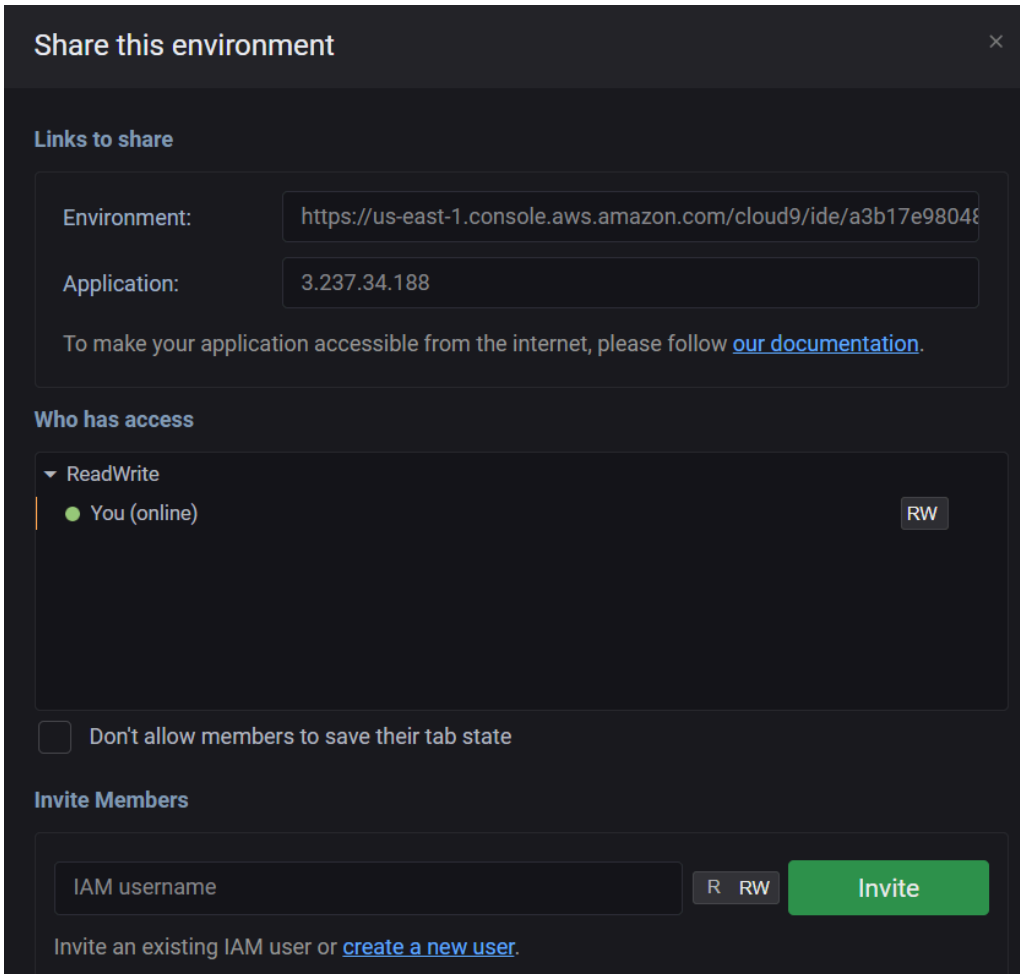
For this example, we create an HTML file. This gives a basic HTML code template on the coding IDE.

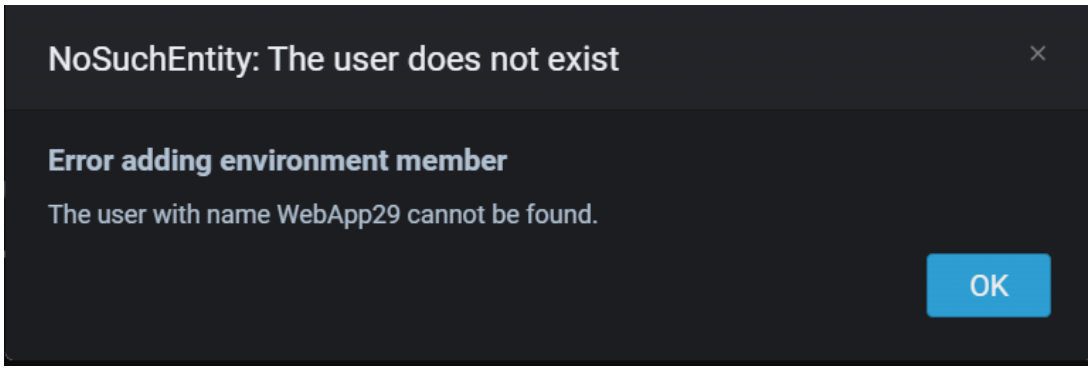



Step 14: After creating your file, click on ‘File’ in the top left corner and click on ‘Save’ from the drop-down menu.



Step 15: After sharing, click on ‘Share’ in the top-right corner. Then, enter the username that you had entered during creating your IAM user.




Doing the above prompts the following error message to pop-up. This error occurs because while the above Cloud9 activities have been performed on AWS academy, it doesn’t allow IAM users to be created on the academy account. On the other hand, while IAM users can be created on your personal account, Cloud9 services have been made inaccessible on personal accounts. Thus, integration of Cloud9 and IAM is not possible currently.