

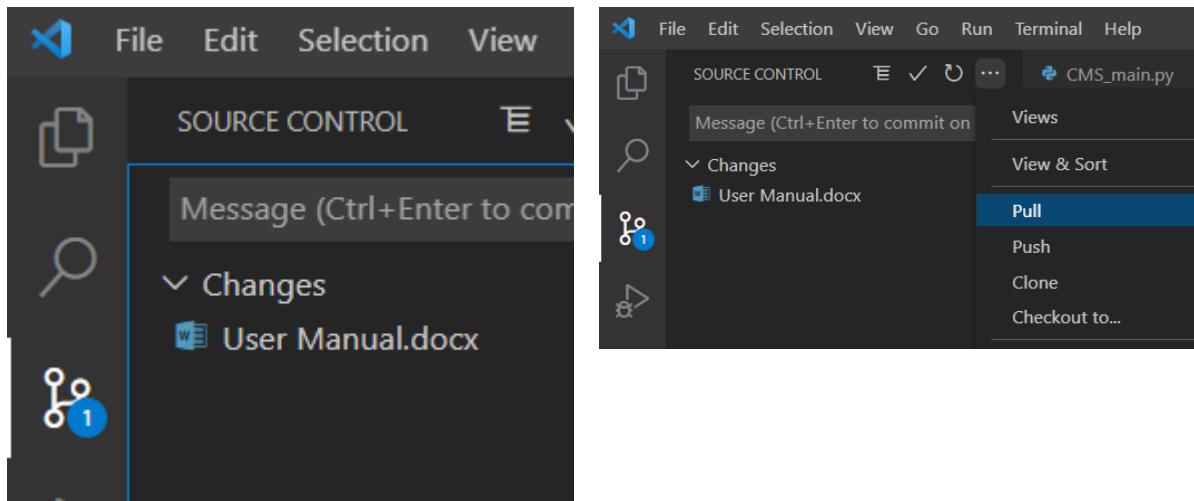
Conference Management System

User Manual

1. Pulling Repository from GIT.

Go to <https://git.infotech.monash.edu> and copy the html URL of the repository. The URL of the repository is https://git.infotech.monash.edu/fit5136-s1-2021/team-48-repo.git

Paste this URL in the Command Prompt of the VS Code and select a destination folder on the desktop to save the repository. Once all the steps are done, perform a Pull from the Repository. The pull can be performed by:

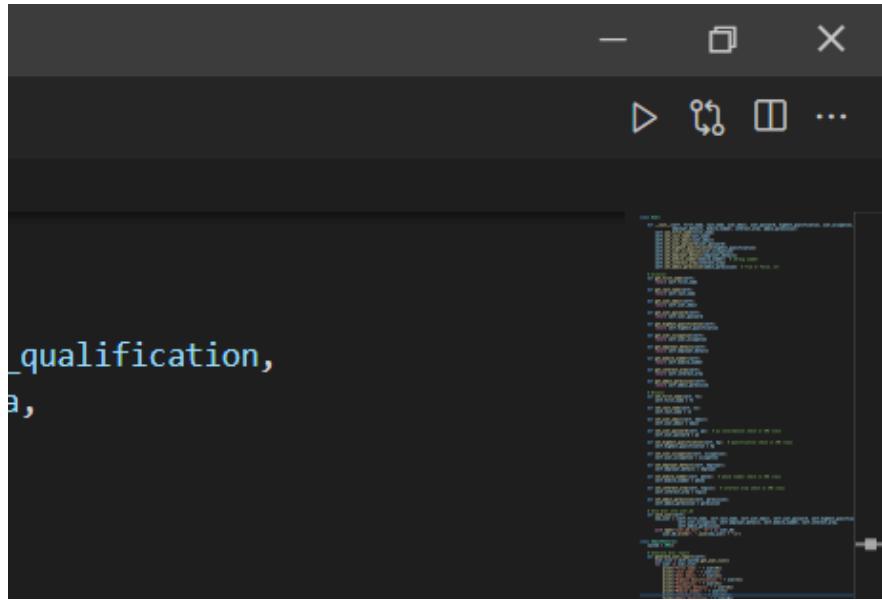


All the code from the repository will now be available in the VS Code. All the steps are similar if you are using PyCharm.

2. Running the Program

From the explorer tab, select the file ‘CMS_main.py’.

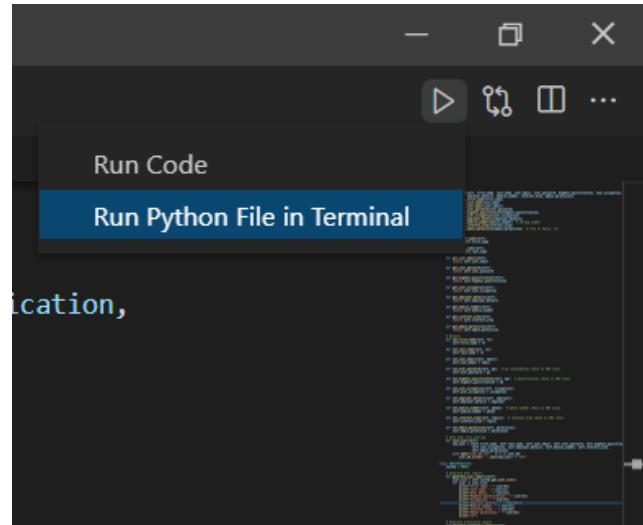
When the file is open, there is a Run button on the top right side of the explorer.



Click the 1st option as shown in the annotation above and you will get 2 options.

The two options are:

- Run Code
- Run Python File in Terminal



Click on ‘Run Python File in Terminal’.

```
*****
*          *
*      Conference Management System  *
*          *
*****
Welcome to Conference Management System. Please choose to login or create an account.
1. Login
2. Create an account
Enter your choices from 1 or 2: 
```

If you get this in the terminal below, your code is successfully running.

3. Creating an Account

When the code starts running and you get an output. You get 2 options to choose from

1: Login

2: Create an Account

Since we always need an account to access any application, we will start the process of creating an account first. In the input, press **2** and press Enter.

```
*****
*          *
*      Conference Management System  *
*          *
*****
Welcome to Conference Management System. Please choose to login or create an account.
1. Login
2. Create an account
Enter your choices from 1 or 2: 2
*****
*          *
*      Conference Management System  *
*          *
*****
Please fill your personal information to finish the registration.
First name: 
```

The Program will ask you to enter your details. We expect you to provide us with valid and real information as your information will be safe and secure with us. We have tried our best to add validation to the user input.

The details we will ask you for are:

First Name: Where you provide us with your given name.

Last Name: Where you provide us with your family name.

Email: A valid email ID which you will be using to login to our system.

Password: Should be 8 Characters long with at least 1 Upper case, 1 Lower case and 1 number.

Highest Qualification: Select 1 option which applies to you. If you have completed Masters so you select 4.

Occupation: What you work.

Employer Details: Where you work.

Mobile Number: Should be 10 digits only.

Interest Area: Select 1 option you are interested in. If you are interested in Cyber Security, you press 2 and press enter.

Once all the data is entered, the application will ask you whether you want to submit the details. So, the options are:

- Submit your registration.
- Cancel registration and return to main page.

If you want to submit your registration, you press 1 and enter. If you want to cancel the registration, you press 2 and enter. If you press enter, your personal details will be saved in our database.

```
Please fill your personal information to finish the registration.
First name: CMS
Last name: Manual
Email: cmsmanual@monash.edu
Notice: Password should be at least 8 characters long, must include 1 lower case, 1 upper case, and 1 number.
Password: PassworD123
Notice: please enter the number fit your highest qualification from the following list.
1 - Less than diploma
2 - Diploma
3 - Bachelor
4 - Master
5 - PhD
6 - Higher than PhD
Highest qualification: 3
Occupation: Web Developer
Employer details: Monash University
Notice: mobile number should be a 10-digit number.
Mobile number: 0444777111
Number has to be 10 digit. Try again.
Mobile number: 4447771110
Notice: please enter the number fit your interest area from the following list.
1 - Artificial Intelligence
2 - Cybersecurity
3 - Cloud Computing
4 - Data Analysis
5 - Communication and Transportation
Interest area: 2
Please choose your action forward.
1 - Submit your registration
2 - Cancel registration and return to main page
Enter your choice: 1
You've created a new account. Jumping to the Home page...
```

Congratulations, your account has now been created. You can use your details to login to the application.

4. Login to the System

If you have a valid account to login to the system, you need to follow the step 2 in this user manual or if you have created an account, you will be directly logged in the system. Once you have completed the steps given in Step 2 you will have this output.

```
*****
*          *
*  Conference Management System  *
*          *
*****  
Welcome to Conference Management System. Please choose to login or create an account.  
1. Login  
2. Create an account  
Enter your choices from 1 or 2: █
```

We will press 1 to login to the system.

Note: If you do not have valid login details, you will not be able to access the features of this system.

From the options given above, press 1 and enter.

The system will ask you for the following.

Email: Enter your email ID which you had used to create an account on this application.

Password: Matching Password with the email. If you have 2 accounts on this system, it is not necessary that the other account's password will help you authenticate into the system unless they are the same.

Do you want to login by this credential? Y/N: If you want to login using these credentials, press **Y** and enter. If you changed your mind about logging in to the system press **N** and enter.

```
*****
*          *
*      Conference Management System  *
*          *
*****
Login using your email and password.
Enter your email: cmsmanual@monash.edu
Enter your password: PassworD123
Do you want to login by this credential? Y/N: y
Login success. Jumping to the Home page...
*****
*          *
*      Conference Management System  *
*          *
*****
Please choose the user type:
1 - Chair
2 - Author
3 - Reviewer
4 - Admin
5 - Return to main page
Enter your choice from 1 to 5: █
```

On successful login verification, you will be logged in to the system and access the features of the application.

5. Logging in as a Chair

To login as a chair, you need to follow the steps mentioned in step 4 to login. Once you have successfully logged in to the system, you select option **1** out of the 5 available options to login as a chair.

```
Login success. Jumping to the Home page...
*****
*          *
*      Conference Management System  *
*          *
*****
Please choose the user type:
1 - Chair
2 - Author
3 - Reviewer
4 - Admin
5 - Return to main page
Enter your choice from 1 to 5: 1
*****
*          *
*      Conference Management System  *
*          *
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: █
```

For a chair, there are 4 options available.

5.1 Create Conference.

To create a conference, we select the 1st option as given in the above image.

To choose the 1st option, we press 1 and enter.

The system will ask you to the following inputs:

Enter Conference Name: The name of the Conference you want to set.

Conference Title: The conference title should be Artificial Intelligence/ Cybersecurity/ Cloud Computing/ Data Analysis/ Communication and Transportation. If you enter anything other than these 5 options, the system will give you an error and will ask you to select out of the 5 options. You can select any 1 of the 5 Title you want to.

Deadline Year: The year deadline you want to send for this conference. Should be a number only.

Deadline Month: The month deadline you want to send for this conference. Should be a number only.

Deadline Day: The day deadline you want to send for this conference. Should be a number only.

```
*****
*
*      Conference Management System *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 1
please enter conference name: User Manual
please enter conference title: Cyber
1Artificial Intelligence 2Cybersecurity 3Cloud Computing 4Data Analysis 5Communication and Transportation

please select conference topic from this list: 2
please enter submit deadline Year: 2021
please enter submit deadline Month: 10
please enter submit deadline day: 31
created conference successful
*****
```

Once all the input are successfully entered, you have created a conference as a chair.

5.2 Modify Conference.

If you want to modify a conference, you must select the 2nd option – Modify Conference when logged in as a Chair.

```
*****
Please choose the user type:
1 - Chair
2 - Author
3 - Reviewer
4 - Admin
5 - Return to main page
Enter your choice from 1 to 5: 1
*****
*
*
*      Conference Management System      *
*
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 2
1 -- daje, ds, Cloud Computing, 1878, 2, 22, rhr
2 -- ewe, ee, Communication and Transportation, 1989, 2, 23, rhr
3 -- kingjames, we, Data Analysis, 1889, 2, 12, rhr
4 -- Conference Manual, Applications, Cloud Computing, 2021, 10, 01, Manual
5 -- User Manual, Cyber, Cybersecurity, 2021, 10, 31, rhr
6 -- User Manual, 2, Cybersecurity, 2021, 10, 31, rhr

please select the conference 1on which you want to change: 6
```

As a chair, you can select any 1 of the conference you want to modify.

You will get an option to modify the Conference Details.

```
1 -- daje, ds, Cloud Computing, 1878, 2, 22, rhr
2 -- ewe, ee, Communication and Transportation, 1989, 2, 23, rhr
3 -- kingjames, we, Data Analysis, 1889, 2, 12, rhr
4 -- Conference Manual, Applications, Cloud Computing, 2021, 10, 01, Manual
5 -- User Manual, Cyber, Cybersecurity, 2021, 10, 31, rhr
6 -- User Manual, 2, Cybersecurity, 2021, 10, 31, rhr

please select the conference 1on which you want to change: 6
1-conference_name ,2-conference_title ,3-conference_topics ,4-submit_deadline
please enter what you want to change: 1
```

If you select:

- Conference Name: You can change the name of the conference.
- Conference Title: You can change the title of the conference.
- Conference Topics: You can change the topic of the conference.
- Submit Deadline: You can change the deadline of the conference.

```
please select the conference ion which you want to change: 6
1-conference_name ,2-conference_title ,3-conference_topics ,4-submit_deadline
please enter what you want to change: 4
please enter new submit Year: 2022
please enter new submit Month: 01
please enter new submit day: 31
changed conference successful
```

Once the change is done, we will get an output such as shown in the image above.

5.3 Assign Papers

If you want to modify a conference, you must select the 3rd option – Assign Papers when logged in as a Chair.

```
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 3
These papers have not been assigned to review
(1)zdd.pdf zee 2 - Cloud Computing 1 - Security jb@monash.edu 2021 5 5 Cloud Computing Not Assigned xd@monash.edu jb@monash.edu asd@123.com
(2)dss.pdf zee 2 - Cloud Computing 1 - Security jb@monash.edu 2021 5 5 Cloud Computing Not Assigned xd@monash.edu jb@monash.edu asd@123.com
(3)wet.pdf zee 2 - Cloud Computing 1 - Security jb@monash.edu 2021 5 5 Cloud Computing Not Assigned xd@monash.edu jb@monash.edu asd@123.com
(4)sas.pdf zee 2 - Cloud Computing 1 - Security jb@monash.edu 2021 5 5 Cloud Computing Not Assigned xd@monash.edu jb@monash.edu asd@123.co
enter number for which paper you want to assign: 1
```

Then select the paper you want to be assigned to a reviewer. You have to select 3 reviewers to review the papers. So, you will get an option to assign a person as a first reviewer, then a second reviewer and then a third reviewer. Once these papers are assigned to the reviewers, the system will return **Assign Successful**.

```
enter number for which paper you want to assign: 2
1 xd@monash.edu Cybersecurity
2 jb@monash.edu Cloud Computing
3 asd@123.com Cybersecurity
4 1 Cybersecurity
5 zxc@asd.com Cybersecurity
6 q Cloud Computing
7 1 Cybersecurity
Select the first assigned reviewer serial number2
jb@monash.edu
Select the second assigned reviewer serial number3
asd@123.com
Select the third assigned reviewer serial number4
assign successful
```

5.4 Make Decision on a Paper.

If you want to decide on a paper, you must select the 4th option – Make Decision on a Paper when logged in as a Chair.

```
*****
*          Conference Management System *
*****
1 - Create conference
2 - Modify conference
3 - Assign papers
4 - Make decision on a paper
5 - Return back to home page
Please enter your choice: 4
Select Paper for Review
1 - Paper: AI7 | Author: zxc
Enter your choice: █
```

When you select the option, you will get paper's which are reviewed by the evaluator and are now to be evaluated by the chair.

```
Select Paper for Review
1 - Paper: AI7 | Author: zxc
Enter your choice: 1
Reviewer: rice | Evaluation: excellent
Choose your action forward:
1 - Make final decision
2 - Return to the paper choice
3 - Return to chair page
Enter your choice: █
```

A chair can then perform 3 actions – Make Final Decision, Return to the paper choice and return to chair page. A chair can then make a final decision. It will then ask the chair whether to Accept, Reject or return to the previous page.

```
Choose your action forward:
1 - Make final decision
2 - Return to the paper choice
3 - Return to chair page
Enter your choice: 1
Do you want to accept or reject the paper? Enter the number below.
1 - Accept
2 - Reject
3 - Return to the previous page
Enter your choice: 1
Paper accepted. The notification has been sent to the author.
Jumping to the Chair page...
```

A notification will be sent to the author when a chair performs an action.

6. Logging in as an Author

To login as an author, you need to follow the steps mentioned in step 4 to login. Once you have successfully logged in to the system, you select option **2** out of the 5 available options to login as an author.

```
Please choose the user type:  
1 - Chair  
2 - Author  
3 - Reviewer  
4 - Admin  
5 - Return to main page  
Enter your choice from 1 to 5: 2  
*****  
*          *  
*      Conference Management System      *  
*          *  
*****  
Please choose your actions as an Author.  
1 - Upload a paper  
2 - View notification  
3 - Return to home page  
Enter your choice from 1, 2 or 3: ■
```

For an author, there are 3 options available.

6.1 Upload a Paper.

If you want to decide on a paper, you must select the 1st option – Upload a Paper when logged in as an Author.

```
Please choose your actions as an Author.  
1 - Upload a paper  
2 - View notification  
3 - Return to home page  
Enter your choice from 1, 2 or 3: 1  
*****  
*          *  
*      Conference Management System      *  
*          *  
*****  
Please enter the paper information below.  
Notice: filename can only have extension .txt or .pdf  
Filename: ■
```

When you select option 1 to upload a paper, you will get an option to enter the filename. The filename should either be .txt file or .pdf file. Other file names will not be uploaded.

The Author will then have to add the Paper Title.

Then the Author should enter the Paper Title. Paper Title should be Artificial Intelligence/ Cybersecurity/ Cloud Computing/ Data Analysis/ Communication and Transportation. If you enter anything other than these 5 options, the system will give you an error and will ask you to select out of the 5 options. You can select any 1 of the 5 Title you want to.

The system will then ask for the keywords to be added to the paper. The keywords are:

- 1 - AI
- 2 - Security
- 3 - Cloud Computing
- 4 - High Performance
- 5 - Data
- 6 - Protocol
- 7 - Neural Network

The system will ask whether to add more keywords to the paper. You can press either **Y** or **N** depending on whether you want to add the keywords or not. Then you have to select the conference you want to add the paper into.

```
Please enter the paper information below.  
Notice: filename can only have extension .txt or .pdf  
Filename: paper.pdf  
Paper title: Cyber Security  
Notice: please enter the number fit your interest area from the following list.  
1 - Artificial Intelligence  
2 - Cybersecurity  
3 - Cloud Computing  
4 - Data Analysis  
5 - Communication and Transportation  
Interest area: 2  
Notice: please enter the number fit your paper's keywords from the following list.  
1 - AI  
2 - Security  
3 - Cloud Computing  
4 - High Performance  
5 - Data  
6 - Protocol  
7 - Neural Network  
Keywords: 2  
Do you want to add another keywords? Enter Y/N: n  
Choose the conference you want to submit your paper to. Only enter number.  
1 daje  
2 ewe  
3 kingjames  
4 Conference Manual  
5 User Manual  
Conference: 4  
Choose your actions: 1 - Upload paper, 2 - Return to the Author page: 1  
Uploaded successfully. Jump back to Author page...  
*****
```

Once you have entered the conference, the system will ask whether you want to upload the paper or return to the author page. To upload the paper, you will press **1** and upload the paper.

6.2 View Notification.

If you want to decide on a paper, you must select the 2nd option –View Notification when logged in as an Author.

```
*****
*          Conference Management System      *
*                                              *
*****
Please choose your actions as an Author.
1 - Upload a paper
2 - View notification
3 - Return to home page
Enter your choice from 1, 2 or 3: 2
*****
```

Once you select the 2nd option, the system will display all the notifications.

```
Enter your choice from 1, 2 or 3: 2
*****
*          Conference Management System      *
*                                              *
*****
Notification 1
Paper: AI6
Author: asd@123.com
Paper status: Accepted
Status changed at: 2021-05-22 13:09:04.598180
Please choose your action forward:
1 - Return to author page
2 - Return to home page
Enter your choice: 1
```

7. Logging in as a Reviewer

To login as a reviewer, you need to follow the steps mentioned in step 4 to login. Once you have successfully logged in to the system, you select option **3** out of the 5 available options to login as a reviewer.

```
*****  
*      Conference Management System *  
*****  
Please choose the user type:  
1 - Chair  
2 - Author  
3 - Reviewer  
4 - Admin  
5 - Return to main page  
Enter your choice from 1 to 5: 3  
*****  
*      Conference Management System *  
*****  
Please choose your actions below.  
1 - Write evaluation  
2 - Return to home page  
Enter your choice from 1 or 2: |
```

The reviewer has an option to write evaluation to the paper assigned to him by the chair. To write an evaluation, you press 1 and enter. You will get the options to review all the papers which you were assigned, and you can select any one of the paper to evaluate.

```
Please choose your actions below.  
1 - Write evaluation  
2 - Return to home page  
Enter your choice from 1 or 2: 1  
*****  
*      Conference Management System *  
*****  
Please select a paper you want to write evaluation first.  
Notice: You should only enter the index number of listed paper.  
1 - zee  
2 - zee  
3 - zee  
Enter your choice: |
```

Once you have selected the paper, you will be displayed with the paper you have chose and your name, and then you can input your evaluation.

```
Please select a paper you want to write evaluation first.  
Notice: You should only enter the index number of listed paper.  
1 - zee  
2 - zee  
3 - zee  
Enter your choice: 2  
Paper selected. Jumping to the Evaluation page...  
*****  
*          *  
*  Conference Management System  *  
*          *  
*****  
Paper chosen: zee  
Reviewer: Xiaohui Ding  
Write your evaluation: Very good.  
Do you want to submit your evaluation? Y/N: y  
Evaluation submitted. Jumping back to Reviewer page...  
*****
```

Once you have added your evaluation, you get an option of submitting the evaluation. If you want to submit it, press **Y** and enter else press **N** and enter. The review will then be submitted after **Y** input has been given to the application.

8. Logging in as an Admin.

To login as an admin, you need to follow the steps mentioned in step 4 to login. Once you have successfully logged in to the system, you select option **4** out of the 5 available options to login as an admin.

```
Please choose the user type:  
1 - Chair  
2 - Author  
3 - Reviewer  
4 - Admin  
5 - Return to main page  
Enter your choice from 1 to 5: 4  
*****  
*          *  
*  Conference Management System  *  
*          *  
*****  
Please choose your actions.  
1 - Generate user report  
2 - Generate conference report  
3 - Return to home page  
Enter your choice from 1 or 3: 1
```

The admin has an option to view the user reports and the conference reports. To generate the user reports, you must press **1** and enter.

```
Please choose your actions.  
1 - Generate user report  
2 - Generate conference report  
3 - Return to home page  
Enter your choice from 1 or 3: 1  
*****  
*          *  
*      Conference Management System      *  
*          *  
*****  
First name: Xiaohui  
Last name: Ding  
User email: xd@monash.edu  
Highest Qualification: Master  
Occupation: a  
Employer details: a  
Mobile number: 1234567890  
Interest area: Cybersecurity  
Admin permission: True  
  
First name: James  
Last name: Bond  
User email: jb@monash.edu  
Highest Qualification: Bachelor  
Occupation: dev  
Employer details: monash  
Mobile number: 1234567890  
Interest area: Cloud Computing  
Admin permission: True
```

This will generate all the users registered in the user database.

Similarly, to generate the conference reports, you must press **2** and enter.

```
*****  
*          *  
*      Conference Management System      *  
*          *  
*****  
Please choose your actions.  
1 - Generate user report  
2 - Generate conference report  
3 - Return to home page  
Enter your choice from 1 or 3: 2  
*****  
*          *  
*      Conference Management System      *  
*          *  
*****  
Conference name: daje  
Conference title: ds  
Conference topics: Cloud Computing  
Paper submit deadline: 1878-02-22 00:00:00  
Conference chair: rhr  
Accepted paper: 0  
  
Conference name: ewe  
Conference title: ee  
Conference topics: Communication and Transportation  
Paper submit deadline: 1889-02-23 00:00:00  
Conference chair: rhr  
Accepted paper: 0  
  
Conference name: kingjames  
Conference title: we  
Conference topics: Data Analysis  
Paper submit deadline: 1889-02-12 00:00:00  
Conference chair: rhr  
Accepted paper: 0
```

This will generate all the conferences created by the chair.