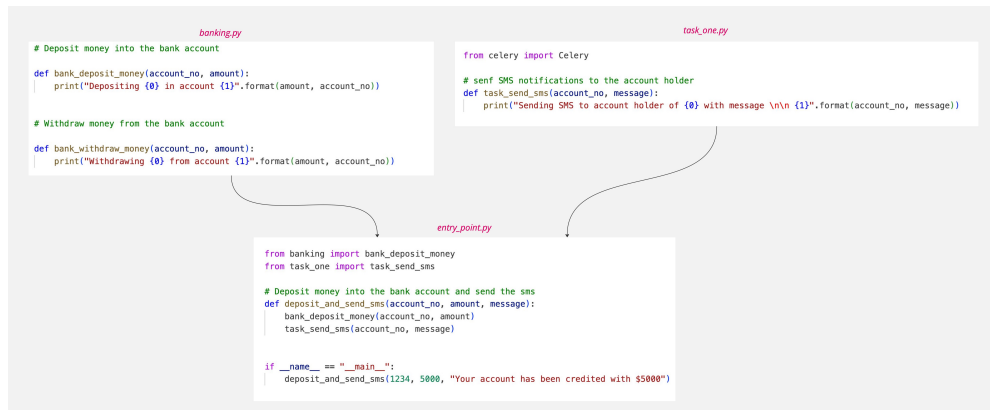


Chapter - 1 : Let's start with Celery

The usecase presented during the presentation was about sending the notifications to the customers about the banking transactions

Let's create a simple python program to understand the same



Basic Files

Example:1

if we go ahead and run the code, we'll get the expected output where the deposit_and_send_sms function will not be completed till the SMS send function returns i.e. blocking call

First step with Celery

We can outsource the task_send_sms function to the celery so that it doesn't block the completion of deposit function



Using Celery

Example:2

Now, if we execute the entry_point.py then the execution will not be stopped, but SMS will not be sent to the end user. To send the SMS we need to start celery worker which will take the data from the broker (RabbitMQ in this case) and will execute the task

celery -A task_one worker --loglevel=INFO

by default celery is concurrency enabled and it created multiple workers simultaneously so that multiple tasks can be processed at the same time