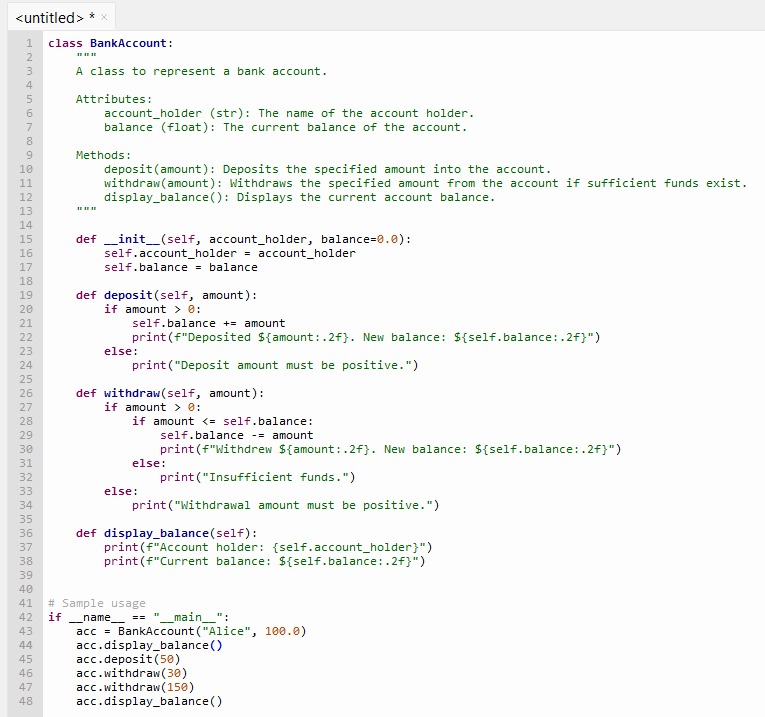
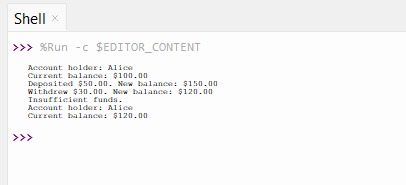
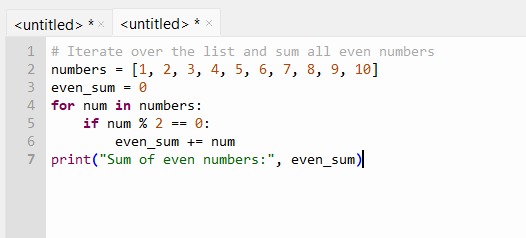
Task 1:-



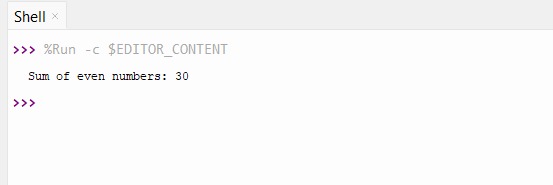
OUTPUT:-



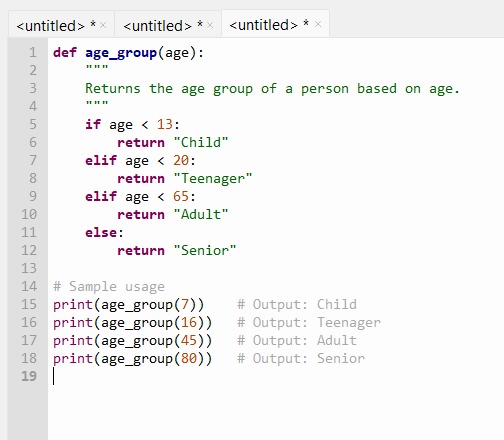
TASK 2:-



OUTPUT:-



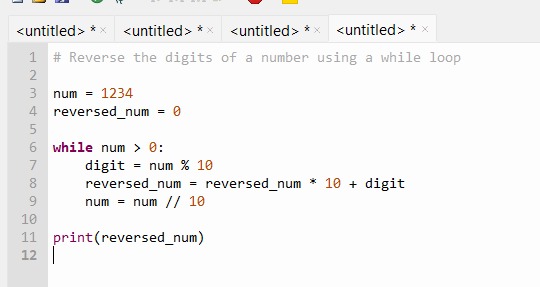
TASK 3:-



OUTPUT:-



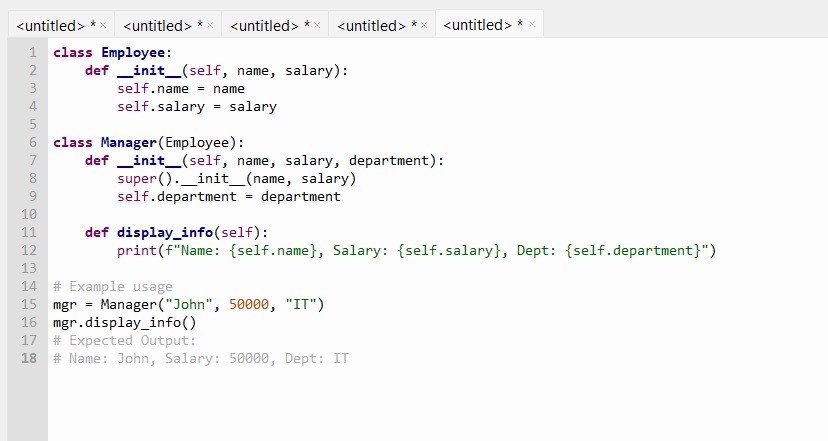
TASK 4:-



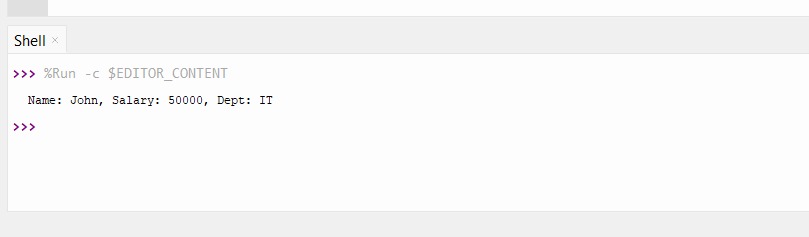
OUTPUT:-



TASK 5:-



OUTPUT:-



PROOF :-

