package projectOs;

public class process {

int id;

int time\_remaning;

private int burst\_time;

int arrival\_time;

private String log ;

public process (int id , int time , int arrival\_time){

this.id=id;

this.time\_remaning =time;

this.arrival\_time=arrival\_time;

this.burst\_time=time;

this.log="\n";

}

public int getArrival\_time() {

return arrival\_time;

}

public int get\_time(){

return this.time\_remaning;

}

public void set\_time(int new\_time){

this.time\_remaning =new\_time;

}

public void logger (String new\_event){

log+=new\_event;

log+="\n";

}

public void i\_am\_done(int Qnumb){

String message ;

if (Qnumb == 1){

message="1st";

}else if (Qnumb == 2){

message="2nd";

}else{

message="3rd";;

}

System.out.println("\033[38;2;255;107;107m"+"## Process with ID "+this.id +

" ## Finished on "+message+" Queue"+"\033[38;2;255;204;92m"

+"\n## burust\_time : "+burst\_time +" ## Arival\_time : "+arrival\_time +"\033[38;2;168;213;186m");

System.out.println("life cycle "+"\033[0m"+ log);

}

@Override

public String toString() {

return "id: " + id + ", time\_remaining: " + burst\_time + ", arrival\_time: " + arrival\_time;

}

}