

## 1)First-come-first-serve

Scheduler

# SCHEDULER

**NAME**

**ARRIVAL**

**DURATION**

Name	Arrival	Priority	Duration	Quantum
task1	0	0	5	0
task2	2.5	0	3	0
task3	1	0	2	0

**MODE**

FCFS

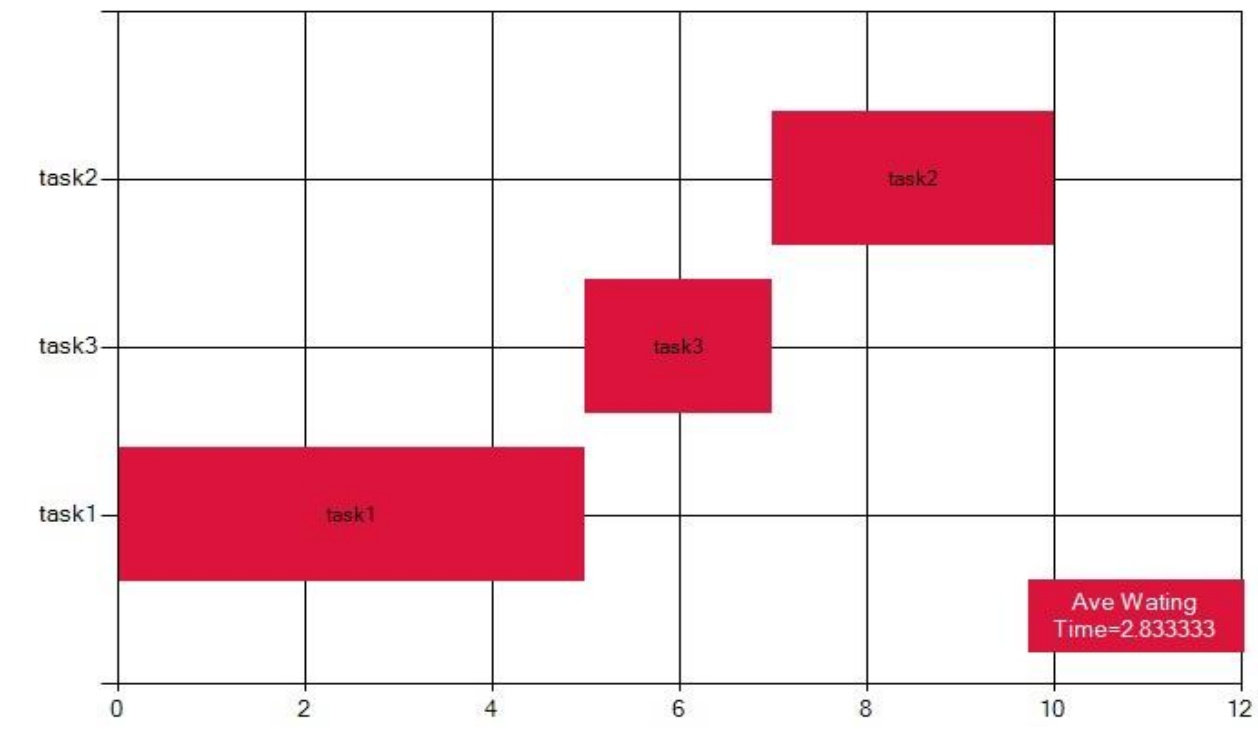
**INSERT TASK**

**RUN**

**CLEAR DATA**

**GANTT CHART**

Ave Wating  
Time=2.833333



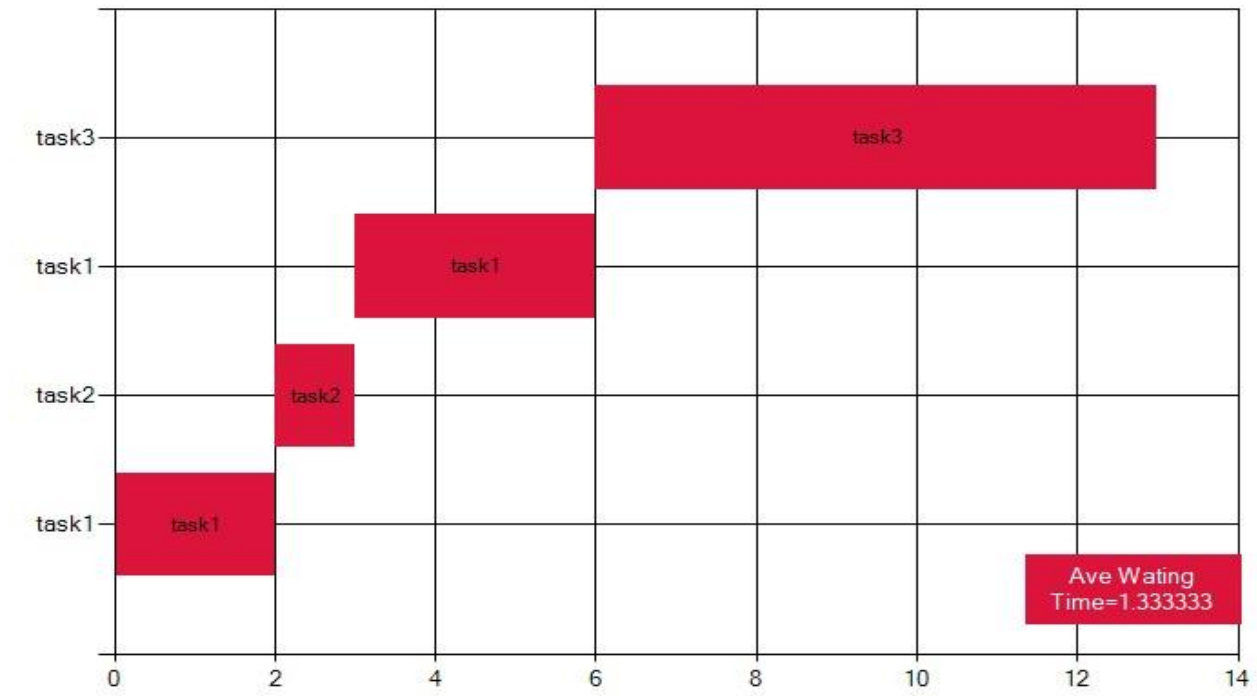
## 2)Shortest-job-first-preemptive

Scheduler

# SCHEDULER

NAME	ARRIVAL	PRIORITY	DURATION	QUANTUM
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
task1	0	0	5	0
task2	2	0	1	0
task3	3	0	7	0

**MODE**  
SJF(PREEMPTIVE) ▾  
**INSERT TASK**  
**RUN**  
**CLEAR DATA**  
**GANTT CHART**  
Ave Wating  
Time=1.333333



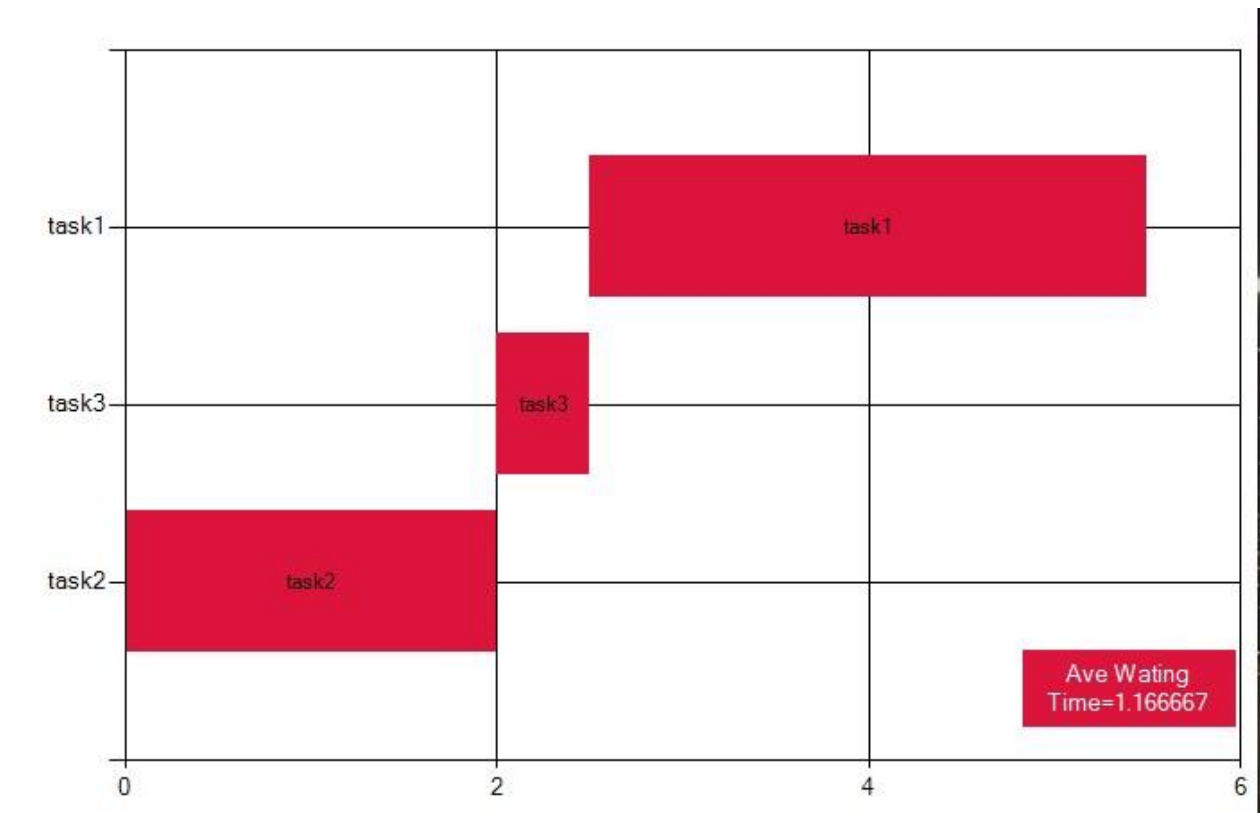
### 3) Shortest-job-first-non-preemptive

Scheduler

# SCHEDULER

NAME	ARRIVAL	PRIORITY	DURATION	QUANTUM	MODE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	SJF(NON PREEMPT) ▾
INSERT TASK					
RUN					
CLEAR DATA					
GANTT CHART					
Ave Wating Time=1.166667					

Name	Arrival	Priority	Duration	Quantum
task1	0	0	3	0
task2	0	0	2	0
task3	1	0	0.5	0



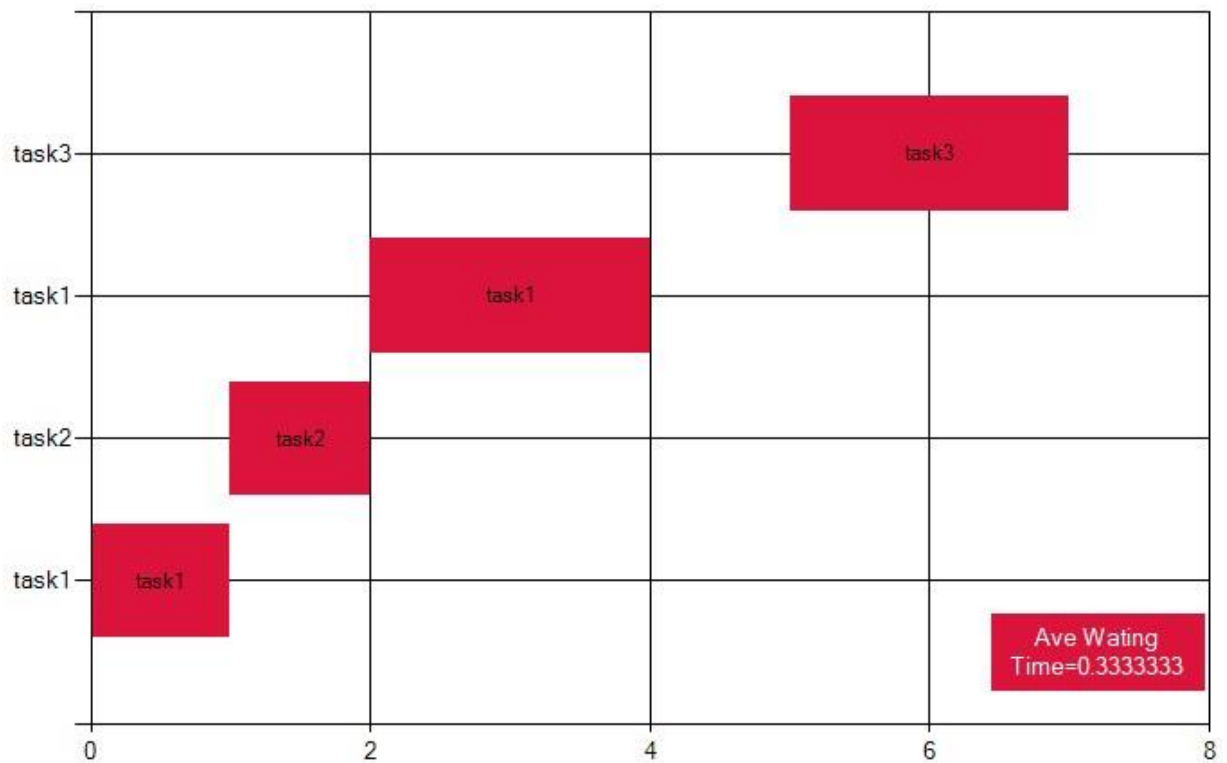
#### 4)Priority-preemptive

Scheduler

# SCHEDULER

NAME	ARRIVAL	PRIORITY	DURATION	QUANTUM	MODE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	PRIORITY(PREEMP) ▾
INSERT TASK					
RUN					
CLEAR DATA					
GANTT CHART					
Ave Wating Time=0.3333333					

Name	Arrival	Priority	Duration	Quantum
task1	0	3	3	0
task2	1	1	1	0
task3	5	1	2	0



## 5)Priority-non-preemptive

Scheduler

# SCHEDULER

NAME	ARRIVAL	PRIORITY	DURATION	QUANTUM
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	Arrival	Priority	Duration	Quantum
task1	0	3	3	0
task2	0	2	5	0
task3	2.5	1	3	0

**MODE**  
PRIORITY(NON PR) ▾

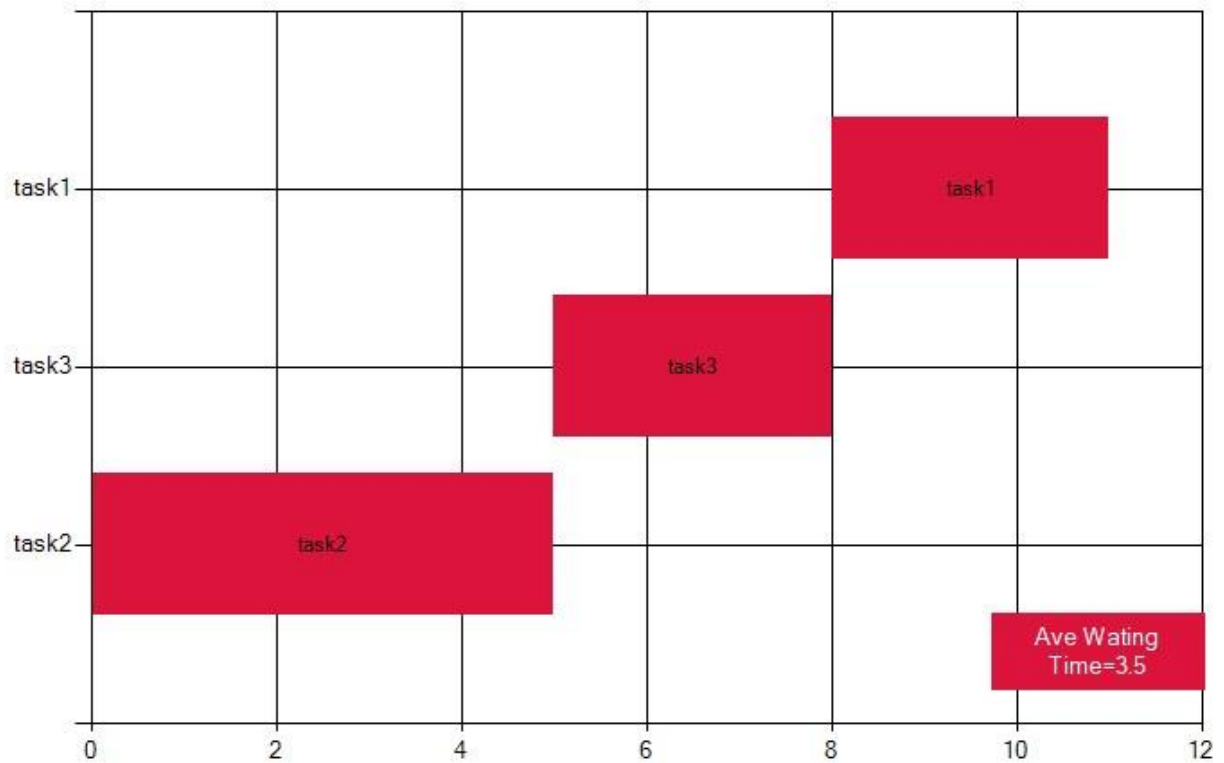
**INSERT TASK**

**RUN**

**CLEAR DATA**

**GANTT CHART**

Ave Wating Time=3.5



## 6)Round-Robin

Scheduler

# SCHEDULER

NAME	ARRIVAL	PRIORITY	DURATION	QUANTUM	MODE
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	ROUND ROBIN

Name	Arrival	Priority	Duration	Quantum
task1	0	0	5	1
task2	0	0	3	1
task3	1	0	2	1
task4	2	0	1	1

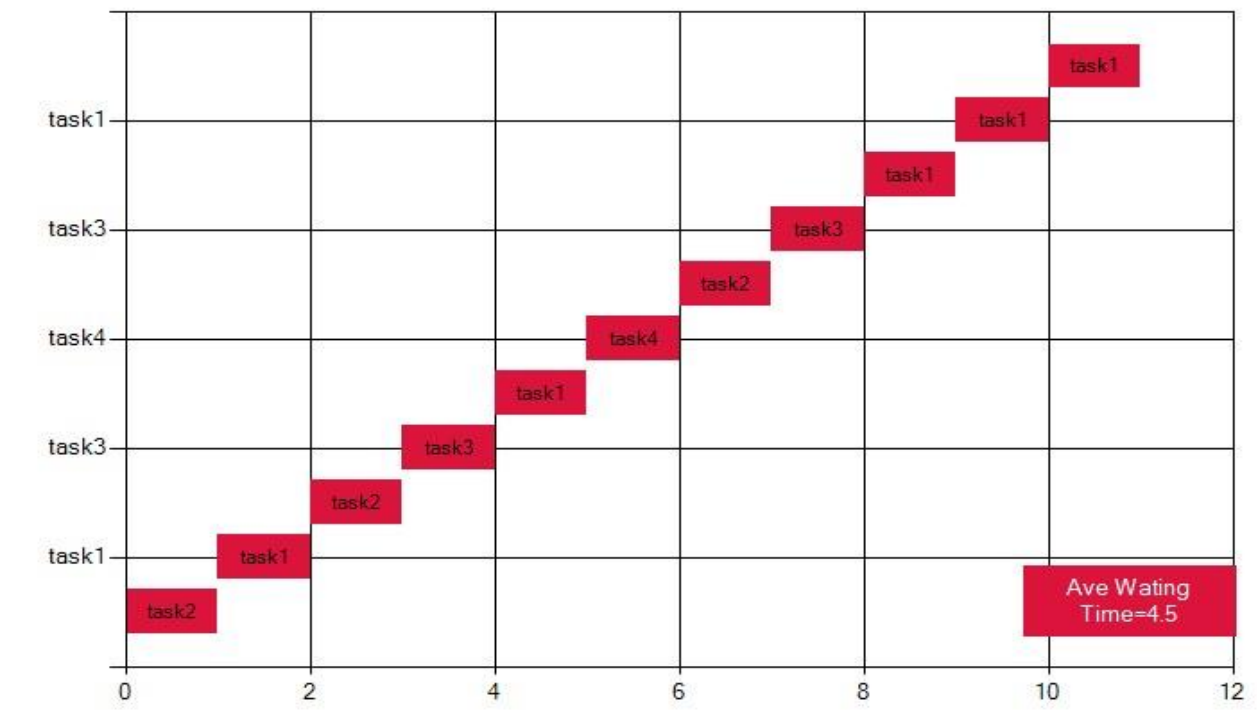
INSERT TASK

RUN

CLEAR DATA


GANTT CHART

Ave Wating Time=4.5



*\*User manual..*

*-You must clear data after every trial.*

*-We hope you find it user friendly *

*#CSE\_ASU\_19*