

# OUTPUT

## RECORD CREATION

```
GanapriyaS@localhost:~ — ./a.out

[GanapriyaS@localhost ~]$ gcc -g file.c
[GanapriyaS@localhost ~]$ ./a.out
1.CREATE STUDENT RECORD/NEW RECORD
2.DISPLAY ALL STUDENT RECORD
3.INSERT STUDENT RECORD
4.UPDATING STUDENT RECORD
5.DELETE STUDENT RECORD
6.SEARCH STUDENT RECORD
7.GO BACK TO MENU
0.EXIT

ENTER THE OPTION:1
ENTER THE NUMBER OF STUDENTS:2
STUDENT 1:
ENTER THE ROLL NUMBER:101
ENTER THE STUDENT NAME:AMIT
ENTER THE DEPARTMENT NAME:CSE
ENTER THE CURRENT SEM:4
ENTER THE SUBJECT ENROLLED:
SUBJECT 1:ADC
SUBJECT 2:DBMS
SUBJECT 3:SPOS
SUBJECT 4:TM
SUBJECT 5:CA
ENTER THE MARKS SUBJECTWISE:
ADC:99
DBMS:89
SPOS:98
TM:87
CA:85

STUDENT 2:
ENTER THE ROLL NUMBER:105
ENTER THE STUDENT NAME:HEMA
ENTER THE DEPARTMENT NAME:EEE
ENTER THE CURRENT SEM:1
ENTER THE SUBJECT ENROLLED:
SUBJECT 1:PHY
SUBJECT 2:CHEM
SUBJECT 3:FEEE
SUBJECT 4:EG
SUBJECT 5:Calculus
ENTER THE MARKS SUBJECTWISE:
PHY:56
CHEM:54
FEEE:67
EG:78
Calculus:65

STUDENT RECORD CREATED

ENTER THE OPTION:2

=====
S.NO    ROLLNUMBER    NAME    DEP    SEM    SUBJECT    TOTAL    AVERAGE    GRADE    RESULT
=====
1       101           AMIT    CSE     4      SUBJECT NAME MARKS    458.0    91.6     A      PASS
          ADC          99.0
          DBMS         89.0
          SPOS         98.0
          TM          87.0
          CA          85.0
=====
2       105           HEMA    EEE     1      SUBJECT NAME MARKS    320.0    64.0     C      PASS
          PHY          56.0
          CHEM         54.0
          FEEE         67.0
          EG          78.0
          Calculus    65.0
=====
```

# INSERTION

ENTER THE OPTION:3  
ENTER THE ROLL NUMBER:105  
ROLL NUMBER 105 IS ALREADY RECORDED, TRY AGAIN!

ENTER THE OPTION:3  
ENTER THE ROLL NUMBER:102  
ENTER THE STUDENT NAME:HEMA  
ENTER THE DEPARTMENT NAME:CSE  
ENTER THE CURRENT SEM:7  
ENTER THE SUBJECT ENROLLED:  
SUBJECT 1:AI  
SUBJECT 2:ML  
SUBJECT 3:WebTech  
SUBJECT 4:Network  
SUBJECT 5:Compiler  
ENTER THE MARKS SUBJECTWISE:  
AI:32  
ML:12  
WebTech:45  
Network:42  
Compiler:23  
STUDENT DETAILS INSERTED

ENTER THE OPTION:2

S.NO	ROLLNUMBER	NAME	DEP	SEM	SUBJECT		TOTAL	AVERAGE	GRADE	RESULT	
1	101	AMIT	CSE	4	SUBJECT	NAME	MARKS	458.0	91.6	A	PASS
					ADC	99.0					
					DBMS	89.0					
					SPOS	98.0					
					TM	87.0					
					CA	85.0					
2	105	HEMA	EEE	1	SUBJECT	NAME	MARKS	320.0	64.0	C	PASS
					PHY	56.0					
					CHEM	54.0					
					FEEE	67.0					
					EG	78.0					
					Calculus	65.0					
3	102	HEMA	CSE	7	SUBJECT	NAME	MARKS	154.0	30.8	F	FAIL
					AI	32.0					
					ML	12.0					
					WebTech	45.0					
					Network	42.0					
					Compiler	23.0					

ENTER THE OPTION:4  
ENTER THE ROLLNUMBER TO BE UPDATED:102

PLEASE ENTER NEW DETAILS OF A STUDENT  
ENTER THE ROLL NUMBER:102  
ENTER THE STUDENT NAME:KAVYA  
ENTER THE DEPARTMENT NAME:CSE  
ENTER THE CURRENT SEM:7  
ENTER THE SUBJECT ENROLLED:  
SUBJECT 1:AI  
SUBJECT 2:ML  
SUBJECT 3:WebTech  
SUBJECT 4:Network  
SUBJECT 5:Compiler  
ENTER THE MARKS SUBJECTWISE:  
AI:32  
ML:12  
WebTech:45  
Network:42  
Compiler:55

RECORD UPDATED

## UPDATE

ENTER THE OPTION:2

S.NO	ROLLNUMBER	NAME	DEP	SEM	SUBJECT		TOTAL	AVERAGE	GRADE	RESULT
1	101	AMIT	CSE	4	SUBJECT NAME	MARKS	458.0	91.6	A	PASS
					ADC	99.0				
					DBMS	89.0				
					SPOS	98.0				
					TM	87.0				
					CA	85.0				
2	105	HEMA	EEE	1	SUBJECT NAME	MARKS	320.0	64.0	C	PASS
					PHY	56.0				
					CHEM	54.0				
					FEED	67.0				
					EG	78.0				
					Calculus	65.0				
3	102	KAVYA	CSE	7	SUBJECT NAME	MARKS	186.0	37.2	F	FAIL
					AI	32.0				
					ML	12.0				
					WebTech	45.0				
					Network	42.0				
					Compiler	55.0				

ENTER THE OPTION:5

PLEASE ENTER THE ROLLNUMBER WANT TO DELETE: 102

RECORD DELETED

## DELETION

ENTER THE OPTION:2

S.NO	ROLLNUMBER	NAME	DEP	SEM	SUBJECT		TOTAL	AVERAGE	GRADE	RESULT
1	101	AMIT	CSE	4	SUBJECT NAME	MARKS	458.0	91.6	A	PASS
					ADC	99.0				
					DBMS	89.0				
					SPOS	98.0				
					TM	87.0				
					CA	85.0				
2	105	HEMA	EEE	1	SUBJECT NAME	MARKS	320.0	64.0	C	PASS
					PHY	56.0				
					CHEM	54.0				
					FEED	67.0				
					EG	78.0				
					Calculus	65.0				

ENTER THE OPTION:5

PLEASE ENTER THE ROLLNUMBER WANT TO DELETE: 102

RECORD NOT FOUND

## SEARCH

ENTER THE OPTION:6

ENTER THE ROLLNUMBER TO BE SEARCH:101

S.NO	ROLLNUMBER	NAME	DEP	SEM	SUBJECT		TOTAL	AVERAGE	GRADE	RESULT
1	101	AMIT	CSE	4	SUBJECT NAME	MARKS	458.0	91.6	A	PASS
					ADC	99.0				
					DBMS	89.0				
					SPOS	98.0				
					TM	87.0				
					CA	85.0				

ENTER THE OPTION:6

ENTER THE ROLLNUMBER TO BE SEARCH:102

RECORD NOT FOUND

ENTER THE OPTION:0

EXITING.....

## STUDENT.TXT – FILE

