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Roll no : S20230010193

Subject : Cp

Assignment 11 graded assignment 03 (on structures)

Question 1

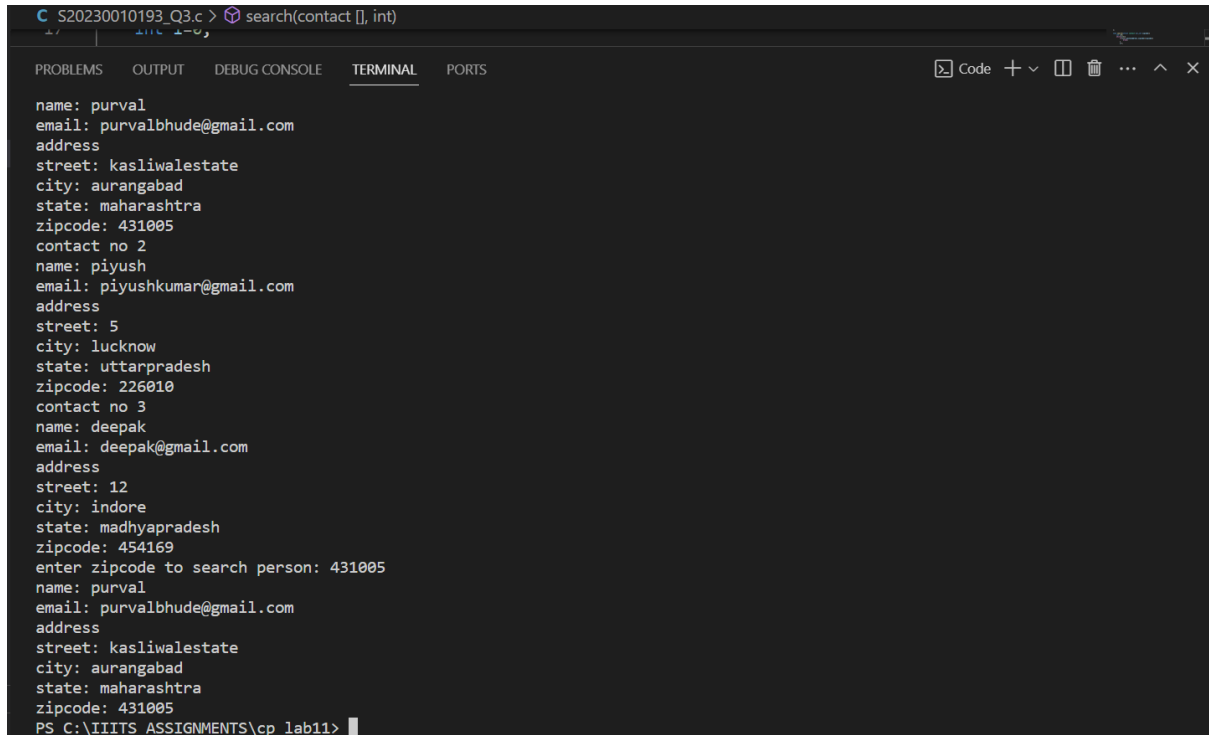
```
PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q1.c -o S20230010193_Q1 } ; if ($?) { .\S20230010193_Q1 }
student 1
name: purval
rollno: 1
marks:96
student 2
name: piyush
rollno: 94
marks:93.33
student 3
name: ayush
rollno: 3
marks:90.2
printing details
student 1
name: purval
rollno: 1
marks: 96.000000
student 2
name: piyush
rollno: 94
marks: 93.330002
student 3
name: ayush
rollno: 3
marks: 90.199997

before update mark: 90.199997
updated mark: 79.000000
maximum marks: 96
PS C:\IIITS ASSIGNMENTS\cp lab11> █
```

Question 2

```
PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q2.c -o S20230010193_Q2 } ; if ($?) { .\S20230010193_Q2 }
enter start time(hour/min/sec): 0 0 0
enter stop time(hour/min/sec): 10 12 13
difference is (hour/min/sec): 10 12 13
PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q2.c -o S20230010193_Q2 } ; if ($?) { .\S20230010193_Q2 }
enter start time(hour/min/sec): 10 13 15
enter stop time(hour/min/sec): 5 45 26
difference is (hour/min/sec): 4 27 49
PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q2.c -o S20230010193_Q2 } ; if ($?) { .\S20230010193_Q2 }
enter start time(hour/min/sec): 60 56 59
enter stop time(hour/min/sec): 10 26 59
difference is (hour/min/sec): 50 30 0
PS C:\IIITS ASSIGNMENTS\cp lab11> █
```

Question 3



```
C S20230010193_Q3.c > search(contact [], int)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
name: purval
email: purvalbhude@gmail.com
address
street: kasliwalestate
city: aurangabad
state: maharashtra
zipcode: 431005
contact no 2
name: piyush
email: piyushkumar@gmail.com
address
street: 5
city: lucknow
state: uttarpradesh
zipcode: 226010
contact no 3
name: deepak
email: deepak@gmail.com
address
street: 12
city: indore
state: madhyapradesh
zipcode: 454169
enter zipcode to search person: 431005
name: purval
email: purvalbhude@gmail.com
address
street: kasliwalestate
city: aurangabad
state: maharashtra
zipcode: 431005
PS C:\IIITS ASSIGNMENTS\cp lab11>
```

Question 4

```

PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q4.c -o S20230010193_Q4 } ;
if ($?) { .\S20230010193_Q4 }
student 1
name: purval
rollno: 111
branch: cse
contact number: 7768961151

student 2
name: piyush
rollno: 186
branch: ece
contact number: 7894561234

student 3
name: ayush
rollno: 33
branch: AI\DS
contact number: 4152637899

changing branch of student 2
branch: cse

```

Question 5

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\IIITS ASSIGNMENTS\cp lab11> cd "c:\IIITS ASSIGNMENTS\cp lab11\" ; if ($?) { gcc S20230010193_Q5.c -o S20230010193_Q5 } ;
if ($?) { .\S20230010193_Q5 }
enter coordiante of A
X: 0
Y: 0

enter coordiante of B
X: 4
Y: 0

enter coordiante of C
X: 0
Y: 4

distance between point A and B: 4
midpoint of A and B is (2,0)
area of traingle using A B C points: 8
PS C:\IIITS ASSIGNMENTS\cp lab11>

```