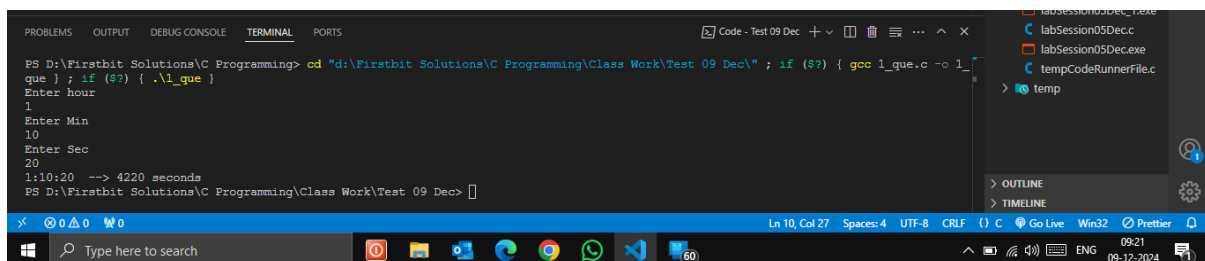


Name : Arjun Patel FRN: 006 ---- 7th nov batch combo java

Que 1:

```
#include<stdio.h>
#include<conio.h>
//convert time entered in hh mm sec into sec
int main(){
    int hr, min, sec, totalSecs;
    printf("Enter hour\n");
    scanf("%d", &hr);
    printf("Enter Min\n");
    scanf("%d", &min);
    printf("Enter Sec\n");
    scanf("%d", &sec);

    totalSecs = (hr*3600) + (min*60) + sec;
    printf("%d:%d:%d --> %d seconds", hr, min, sec, totalSecs);
    return 0;
}
```



The screenshot shows a Windows terminal window with the following content:

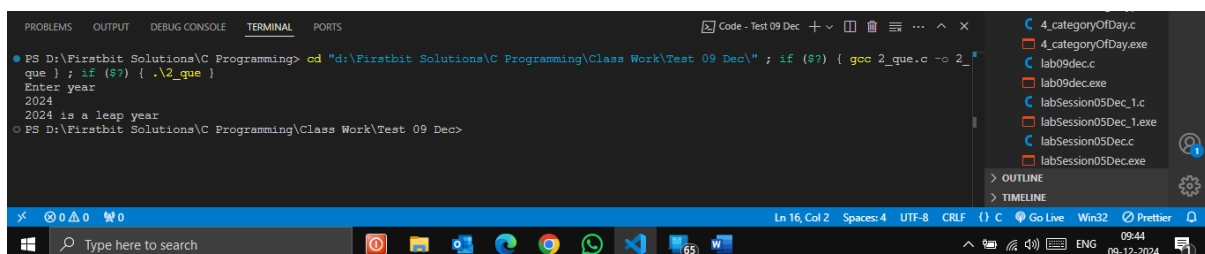
```
PS D:\Firstbit Solutions\C Programming> cd "d:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec\" ; if ($?) { gcc 1_que.c -o 1_
que } ; if ($?) { .\1_que }
Enter hour
1
Enter Min
10
Enter Sec
20
1:10:20 --> 4220 seconds
PS D:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec>
```

The terminal window has a blue title bar with the text "Code - Test 09 Dec". The status bar at the bottom shows "Ln 10, Col 27, Spaces: 4, UTF-8, CRLF".

Que 2:

```
#include<stdio.h>
#include<conio.h>
int main(){
    int yr;
    printf("Enter year\n");
    scanf("%d", &yr);

    if(yr%4==0){
        if(yr%100!=0 && yr%400==0){
            printf("%d is not a leap year\n", yr);
        }
        else printf("%d is a leap year\n", yr);
    }
    else printf("%d is not a leap year\n", yr);
    return 0;
}
```



The screenshot shows a Windows terminal window with the following content:

```
PS D:\Firstbit Solutions\C Programming> cd "d:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec\" ; if ($?) { gcc 2_que.c -o 2_
que } ; if ($?) { .\2_que }
Enter year
2024
2024 is a leap year
PS D:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec>
```

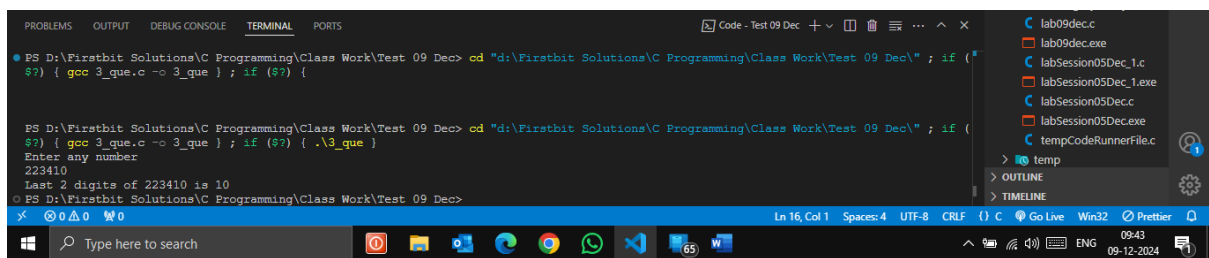
The terminal window has a blue title bar with the text "Code - Test 09 Dec". The status bar at the bottom shows "Ln 16, Col 2, Spaces: 4, UTF-8, CRLF".

Que 3:

```
#include <stdio.h>
#include <conio.h>
// print last 2 digit of temp
// 223413 --> 13
int main()
{
    int num, temp;
    printf("Enter any number\n");
    scanf("%d", &num);
    temp = num;

    int ld = temp % 10; // 3
    temp = temp / 10;
    int sld = temp % 10; // 1
    int lastTwoDig = sld * 10 + ld;

    if ((ld == 0 && sld == 0) || num == 0)
    {
        printf("Last 2 digits of %d is 00\n", num);
    }
    else
    {
        printf("Last 2 digits of %d is %d\n", num, lastTwoDig);
    }
    return 0;
}
```



The screenshot shows a Windows IDE with a terminal window. The terminal output is as follows:

```
PS D:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec> cd "d:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec\" ; if ($?) { gcc 3_que.c -o 3_que } ; if ($?) {
$?) { gcc 3_que.c -o 3_que } ; if ($?) { .\3_que }
Enter any number
223410
Last 2 digits of 223410 is 10
PS D:\Firstbit Solutions\C Programming\Class Work\Test 09 Dec>
```

The file explorer on the right shows the following files:

- lab09dec.c
- lab09dec.exe
- labSession05Dec_1.c
- labSession05Dec_1.exe
- labSession05Dec.c
- labSession05Dec.exe
- tempCodeRunnerFile.c
- temp

The status bar at the bottom indicates the current line is 16, column 1, with 4 spaces, using UTF-8 encoding and CRLF line endings. The system clock shows 09:43 on 09-12-2024.