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CSE
LAB Assignment 3

1. Write a C program to convert given paisa into its equivalent rupee and paisa as per the following format.

Program:-

```
#include <stdio.h>

int main() {
    int p3439,r3439 , pl3439;
    printf("\n\nEnter the paisa to convert : ");
    scanf("%d",&p3439);
    r3439 = p3439 / 100;
    pl3439 = p3439 % 100;
    printf("The %d paisa is equal to %d Rupee and %d paisa.\n\n",p3439 , r3439 , pl3439);
    return 0;
}
```

Output:-

```
3_1_PaisaToRupee.c -o LAB3_1_PaisaToRupee } ; if ($?) { .\LAB3_1_PaisaToRupee


Enter the paisa to convert : 365
The 365 paisa is equal to 3 Rupee and 65 paisa.

PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03> cd
cc LAB3_1_PaisaToRupee.c -o LAB3_1_PaisaToRupee } ; if ($?) { .\LAB3_1_PaisaTo


Enter the paisa to convert : 569
The 569 paisa is equal to 5 Rupee and 69 paisa.

PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03>
```

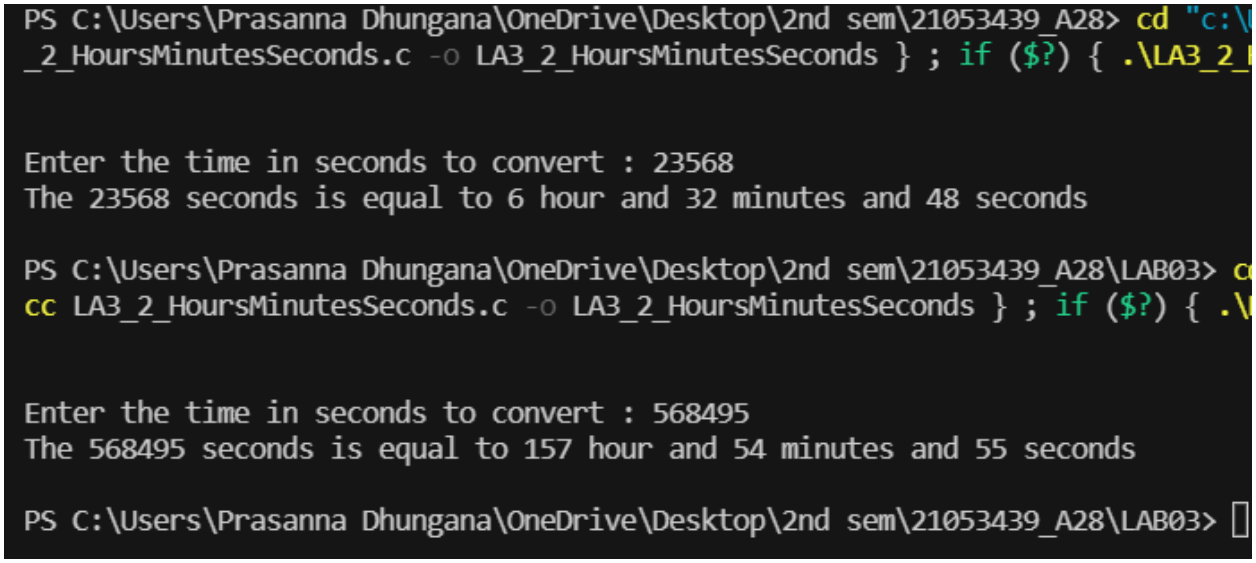
2. Write a C program to convert given second into its equivalent hour, minute and second as per the following format.

Program:-

```
#include <stdio.h>

int main() {
   int hr3439 , min3439, sec3439, secl3439;
   printf("\n\nEnter the time in seconds to convert : ");
   scanf("%d",&sec3439);
   hr3439 = sec3439 / 3600;
   min3439 = (sec3439 % 3600)/60;
   secl3439 = (sec3439 % 3600)%60;
   printf("The %d seconds is equal to %d hour and %d minutes and %d seconds",sec3439 ,
hr3439 , min3439 , secl3439);
   return 0;
}
```

Output:-



3. convert a quantity in meter entered through keyboard into its equivalent kilometer and meter as per the following format.

Program:-

```
#include <stdio.h>

int main() {
   int m3439,km3439 , ml3439;
   printf("\n\nEnter the length in meter : ");
   scanf("%d",&m3439);
   km3439 = m3439 / 1000;
   ml3439 = m3439 % 1000;
   printf("The %d meter is equal to %d Km and %d Meter.",m3439 , km3439 , ml3439);
   return 0;
}
```

Output:-

```
_3_MTOKM.c -o LA3_3_MTOKM } ; if ($?) { .\LA3_3_MTOKM }


Enter the length in meter : 32568
The 32568 meter is equal to 32 Km and 568 Meter.
PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03> cd
cc LA3_3_MTOKM.c -o LA3_3_MTOKM } ; if ($?) { .\LA3_3_MTOKM }


Enter the length in meter : 9863
The 9863 meter is equal to 9 Km and 863 Meter.
PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03>
```

4. Write a C program to input any two integers distinct and display the smaller of two integers.

Program:-

```
#include <stdio.h>

int main() {
   int a3439,b3439 ;
   printf("\n\nEnter any two distinct integers :\n");
   scanf("%d %d",&a3439 , &b3439);
   if (a3439 != b3439){
      if (a3439 > b3439){
         printf("The smallest integer between %d and %d is %d .\n\n",a3439,b3439,b3439);
      }
      else{
         printf("The smallest integer between %d and %d is %d .\n\n",a3439,b3439,a3439);
      }}
   else{
      printf("The integers are not distinct.");
   }
   return 0;
}
```

Output:-

```
PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28> cd "c:\Users\P
_4_SmallestInteger.c -o LA3_4_SmallestInteger } ; if ($?) { .\LA3_4_SmallestInteger


Enter any two distinct integers :
250
60
The smallest integer between 250 and 60 is 60 .

PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03> cd "c:\U
cc LA3_4_SmallestInteger.c -o LA3_4_SmallestInteger } ; if ($?) { .\LA3_4_SmallestI


Enter any two distinct integers :
25
26
The smallest integer between 25 and 26 is 25 .
```

5. Write a C program to input any three integers distinct and display the smallest of the three integers.

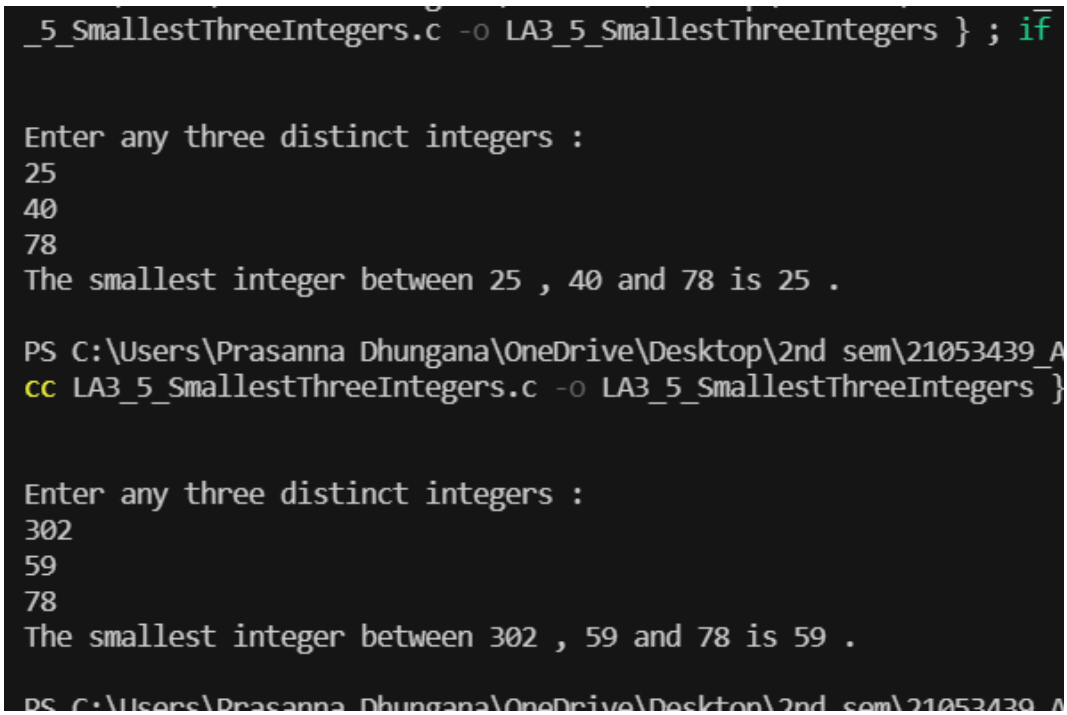
Program:-

```
#include <stdio.h>

int main() {
   int a3439,b3439,c3439,min3439 ;
   printf("\n\nEnter any three distinct integers :\n");
   scanf("%d %d %d",&a3439 , &b3439 , &c3439);
   min3439 = a3439;
   if (min3439 > b3439){
      min3439 = b3439;
   }
   if ( min3439 > c3439){
      min3439 = c3439;
   }

   printf("The smallest integer between %d , %d and %d is %d .\n\n", a3439 , b3439 , c3439,
min3439);
   return 0;
}
```

Output:-



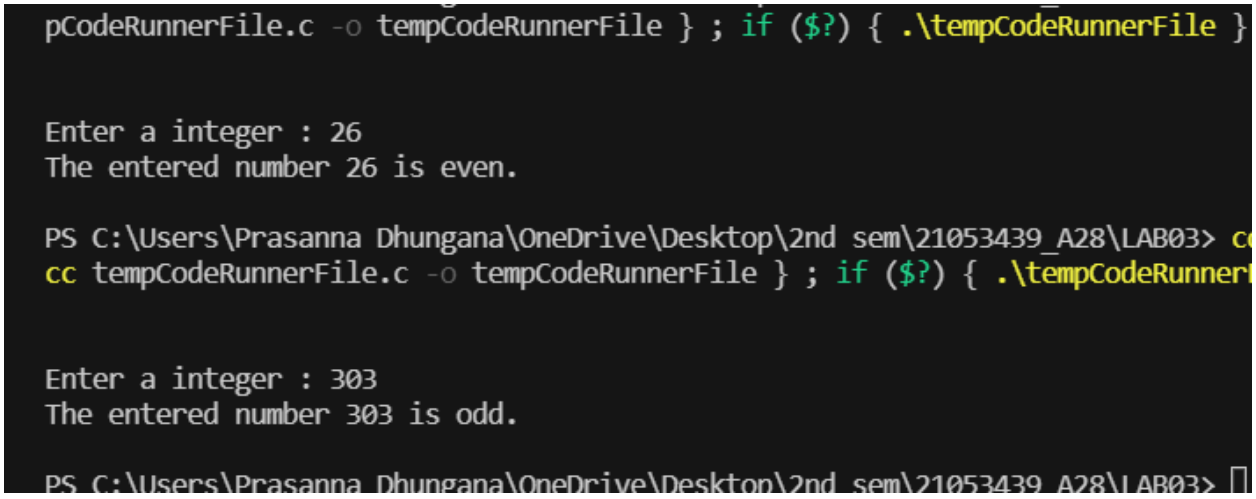
6. Write a C program to test whether a number entered through keyboard is ODD or EVEN.

Program:-

```
#include <stdio.h>

int main() {
   int a3439, al3439;
   printf("\n\nEnter a integer : ");
   scanf("%d",&a3439);
   al3439 = a3439 % 2;
   if(al3439 == 1){
      printf("The entered number %d is odd.\n\n",a3439);
   }
   else{
      printf("The entered number %d is even.\n\n",a3439);
   }
   return 0;
}
```

Output:-



7. Write a C program to read an alphabet from the user and convert it into lowercase if the entered alphabet is in uppercase, otherwise display an appropriate message.

Program:-

```
#include <stdio.h>

int main() {
   char a3439, ao3439;
   printf("\n\nEnter a character : ");
   scanf("%c",&ao3439);

   if(ao3439 >= 'A' && ao3439 <= 'Z'){
      a3439 = ao3439 +32;
      printf("The entered character %c in lowercase is : %c.\n\n",ao3439 , a3439);
   }
   else{
      printf("The entered character is already in lowercase.\n\n");
   }
   return 0;
}
```

Output:-

```
Enter a character : G
The entered character G in lowercase is : g.

PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03> cd
cc LA3_6_UppercaseToLowercase.c -o LA3_6_UppercaseToLowercase } ; if ($?) { .


Enter a character : ccd "c:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\
wercase } ; if ($?) { .\LA3_6_UppercaseToLowercase }
The entered character is already in lowercase.

PS C:\Users\Prasanna Dhungana\OneDrive\Desktop\2nd sem\21053439_A28\LAB03>
```