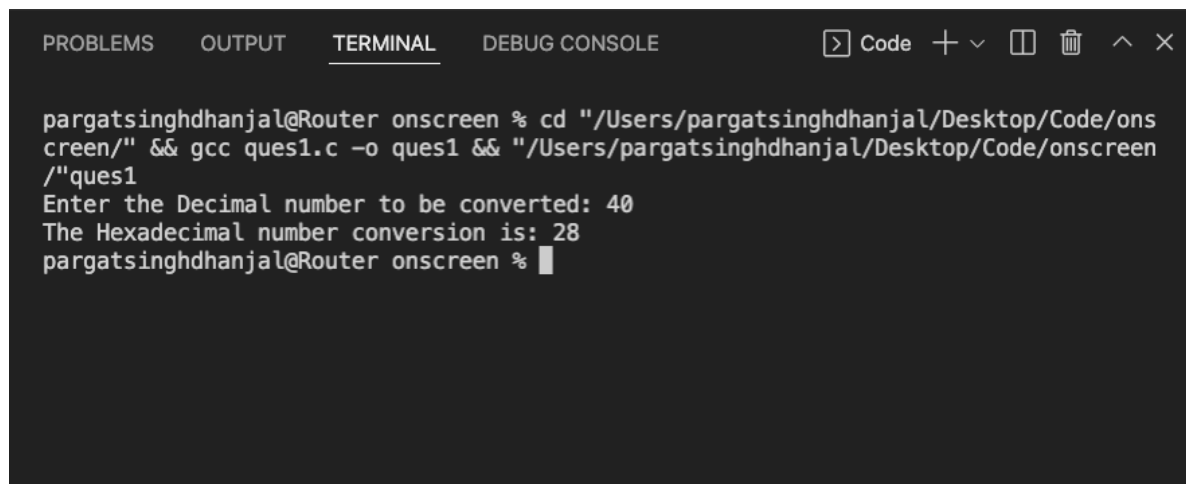

(To be filled by Candidate)

Course:	Programming In C (PIC)		
Candidates' NAME:	Pargat Singh Dhanjal		
Candidates' ROLL NO (In Figure):	16010121045		
Year/ Sem:	FY B-Tech / I	Branch / Batch:	Comps / A2

PROGRAM 1 CODE: (Copy your program below)

```
#include<stdio.h>
int main() {
    long int num;
    printf("Enter the Decimal number to be converted: ");
    scanf("%ld",&num); //long format specifier
    printf("The Hexadecimal number conversion is: %lx\n",num);
    // hexadecimal format specifier
    return 0;
}
```

PROGRAM 1 OUTPUT/ ERROR: (Copy your output or error below)



```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Code + - □ □ ^ ×
pargatsinghdhanjal@Router onscreen % cd "/Users/pargatsinghdhanjal/Desktop/Code/onscreen/" && gcc ques1.c -o ques1 && "/Users/pargatsinghdhanjal/Desktop/Code/onscreen/"ques1
Enter the Decimal number to be converted: 40
The Hexadecimal number conversion is: 28
pargatsinghdhanjal@Router onscreen %
```

Next page.

PROGRAM 2 CODE: (Copy your program below)

```
#include <stdio.h>
int occ(int k)
{
    printf("Enter the set of non negetive numbers\n");
    int n,t1=0; // t1 is counter variable and n is for input
    scanf("%d",&n);
    for(int i=0;n>0;i++)
    {
        if(n%2==0 && t1!=k)
            t1++;
        if(t1==k)
            return i;
        scanf("%d",&n);
    }
    return -1;
}
int main()
{
    int k;
    printf("Enter the kth position: ");
    scanf("%d",&k);
    int ans=occ(k);
    printf("The kth position of even no. is: %d\n",ans);
    return 0;
}
```

PROGRAM 2 OUTPUT/ ERROR: (Copy your output or error below)

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Code + - □ □ ^ ×
pargatsinghdhanjal@Router onscreen % cd "/Users/pargatsinghdhanjal/Desktop/Code/onscreen/" && gcc ques2.c -o ques2 && "/Users/pargatsinghdhanjal/Desktop/Code/onscreen/"ques2
Enter the kth position: 2
Enter the set of non negetive numbers
1 1 2 3 4 5 -1
The kth position of even no. is: 4
pargatsinghdhanjal@Router onscreen %
```