

Enrollment no:-21SE02CS009

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SUBJECT:DBMS

PRACTICAL:1

1.Swap two numbers in c.

```
#include<stdio.h> int main() {  
double first, second, temp;  
printf("Enter first number: ");  
scanf("%lf", &first); printf("Enter  
second number: "); scanf("%lf",  
&second);  
  
temp = first;  
first = second;  
second = temp;  
printf("\nAfter swapping, first number = %.2lf\n", first);  
printf("After swapping, second number = %.2lf", second);  
return 0;  
}
```

OUTPUT:

```
Enter first number: 1.20  
Enter second number: 2.45  
  
After swapping, first number = 2.45  
After swapping, second number = 1.20
```

2.Prime number between range.

```
#include <stdio.h>
```

```

int main() {    int low,
high, i, flag;

    printf("Enter two numbers(intervals): ");
scanf("%d %d", &low, &high);

    printf("Prime numbers between %d and %d are: ", low, high);

    while (low < high) {
flag = 0;

        if (low <= 1) {
++low;        continue;
        }

        for (i = 2; i <= low / 2; ++i) {
if (low % i == 0) {            flag =
1;            break;
        }
    }
        if (flag == 0)
printf("%d ", low);
        ++low;
    }

    return 0;
}

```

OUTPUT:

```

Enter two numbers(intervals): 20
50
Prime numbers between 20 and 50 are: 23 29 31 37 41 43 47

```

3. Palindrom in c.

```
#include<stdio.h> int
main()
{
int n,r,sum=0,temp;
printf("enter the number=");
scanf("%d",&n);  temp=n;
while(n>0)
{
r=n%10;
sum=(sum*10)+r;
n=n/10;
}
if(temp==sum)
printf("palindrome number ");
else  printf("not
palindrome");  return 0;
}
```

OUTPUT:

```
enter  the  number=151
palindrome  number
enter  the  number=5621
not  palindrome  number
```