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.Pailindrom 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
```