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