C PROGRAMMING

EXERCISE

1. Write a program to display 1 to 10 numbers.
2. Write a program to display 5 to 1 numbers.
3. Write a program to display 1 to **n** numbers.
4. Write a program to find sum of first n numbers.
5. Write a program to find product of first n numbers.
6. Write a program to find sum of n given numbers.
7. Write a program to find product of n given numbers.
8. Wap to find reverse of a given number.
9. Wap to find sum of digits of a given numbers.

10.Write a program to find factorial of a given number.

11.Write a program to display even number between 1 to 50.

12.Write a program to display odd numbers between 1 to 25.

13.Write a program to display even numbers between the given

range.

14.Write a program to display odd numbers between the given

range.

15.Write a program to find sum of even numbers, count of even

numbers, sum of odd numbers and count of odd numbers

between 1 to 20.

16.Write a program to find sum of all individual digits in a given

number.

17.**Write a program to display each digits of a given number in words. [Ex:Input:3452 Output: Three Four Five Two]**

18.Write a program to display nth multiplication table.

19.Write a program to check whether the given number is prime

number or not.

20. What is the output?

int i=0;

for( ; i<=4; )

printf(“%d”, i++);

**Output:-** **01234**

21. What is the output?

int i=1;

for(;;)

{

if(i>10)

break;

else

printf(“%d”, i++);

}

**Output:-12345678910**

22. What is the output?

for(x=10; x<10; x=x-1)

printf(“%d”,n);

**Output:Blank.**

23. What is the output?

for(i=0,j=5; i<=5; i++,j--)

{

printf(“%d%d\n”,i,j)

}

**Output:-**

**05**

**14**

**23**

**32**

**41**

**50**

24. What is the output?

for(i=1; i<=10; i++)

{

printf(“%d” , i);

}

**Output:-** **12345678910**

25. for(n=1; n<=10; n++)

{

sqr=n\*n;

cube=n\*sqr;

printf(“%d %d %d”, n , sqr, cube)

}

**Output:-** **1 1 12 4 83 9 274 16 645 25 1256 36 2167 49 3438 64 5129 81 72910 100 1000**

26. Write a program to check whether the given number is

Palindrome or not.

27. What is output?

void main()

{

int i;

for(i=1; i<=5; i++)

printf(“%d”, i);

}

**Output:-1,2,3,4,5**

28. What is output?

void main()

{

int i;

for(i=1; i<=5; i++) ;

printf(“%d”,i);

}

**Output:-1,2,3,4,5**