



CL-1002
Programming Fundamentals
Lab # 7

Objectives:

1. Practicing Basic Programming.
2. Variables, Rules for naming, Data Types
3. Operators in C.

Note: Carefully read the following instructions (*Each instruction contains a weightage*)

1. First think about statement problems and then write your program.
2. Write Program in C compiler/IDE and save source file **for each program**.
3. *Do not copy from any source otherwise you will be penalized with negative marks.*
4. Complete your lab **within given Time Slot**.
5. Add your source code in this word document + Make one ZIP file of your all source codes.
6. Please submit your **Both files** with this naming convention
ROLLNO_SECTION_LABNO.
7. Submit your lab on Google Classroom.

Predict the Output of the following code snippet:

Program 1:

```
int main() { int
a = 24;
cout << "Value of a is " << a; return
0;
}
```

Program 2:

```
int main() { int
a = 24; int
b = 4;
cout << "Value of c is " <<
a+b<<"\n";
cout << "Value of a+b is:" << "a+b"
<<a-b;
return 0;
}
```

Program 3:

```
int main() { int a
= 24; float b =
4.0;
cout << "Value of a+b is " << a+b;
return 0;
}
```

Program 4:

```
int main() { int a
= 24.9; char ch
= 'A';
cout << "Value of a is"<<a<<"And
Character Value is"<<ch;
return 0;
}
```



Exercise

1. Write a computer program that take 4 numbers from the user and then Add and display the sum of four numbers.
2. Write a computer program that take three decimal numbers from the user and then find the average of these three and display on console screen.
3. Write a computer program to print positive number entered by the user. If user enters a negative number, it is skipped.
4. Write computer program to add bonus of 100\$ to each person whose salary is greater than 1500\$.
5. Write computer program to check whether number is positive, negative OR zero using if condition.
6. Write computer program that takes two numbers from the users and check whether first number is greater than to second, less than to second OR equal to using if statement.
7. Write a computer program to check whether a number is even or odd using if statement.
8. Write computer program to read the age of a candidate and determine whether it is eligible for casting his/her own vote or not. Eligibility (age \geq 18)



Homework Activity

Demonstrate the use of all kinds of operators in C programming, by writing computer program. You can write one program OR multiple program as per your implementation.

Best of Luck _

You need to done with your exercise within given time.