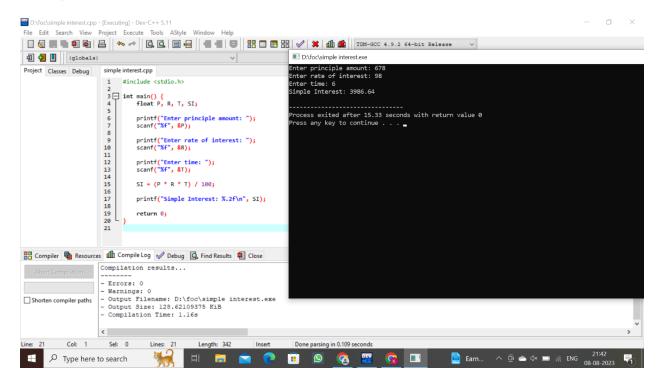
# **FOC LAB ASSIGENMENTS DAY-1**

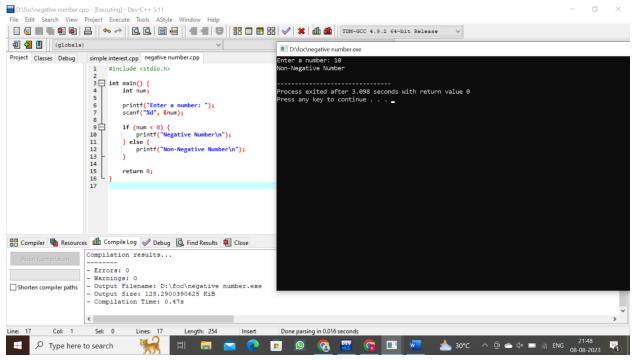
#### T. Sai Krishna

#### 192211870

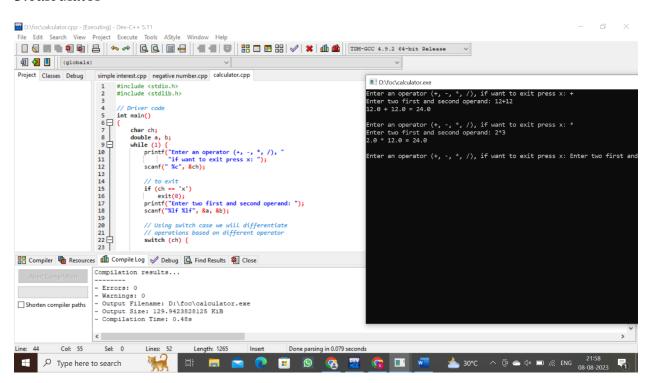
#### 1.simple interest



#### 2.negative number

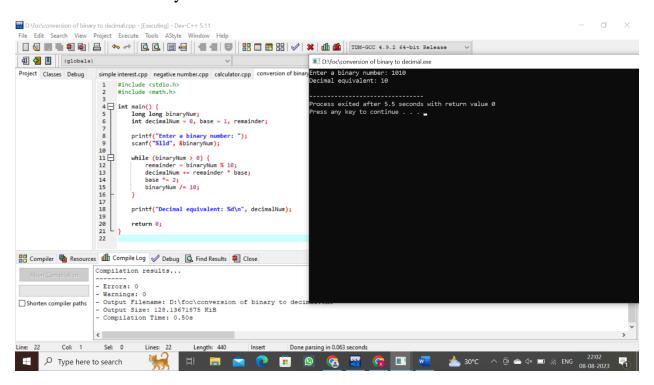


#### 3.calculator

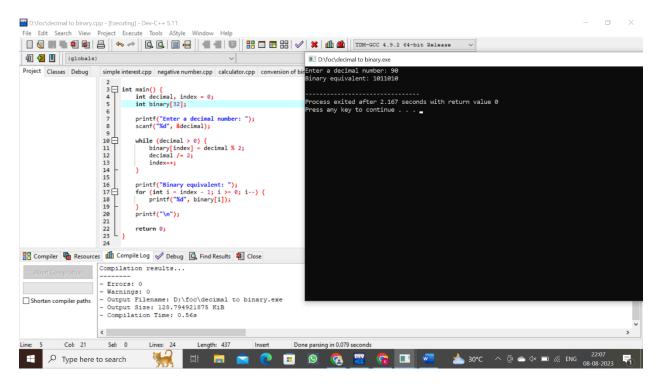


```
D:\foc\calculator.cpp - [Executing] - Dev-C++ 5.11
                                                                                                                                                                                           П
File Edit Search View Project Execute Tools AStyle Window Help
 Project Classes Debug simple interest.cpp negative number.cpp calculator.cpp
                                         case '+':
    printf("%.1lf + %.1lf = %.1lf\n", a, b, a + b);
    break;
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                                         // For Subtraction case '-':
                                        case -:
printf("%.1lf - %.1lf = %.1lf\n", a, b, a - b);
break;
                                         // For Multiplication
case '*':
                                          case '-:
  printf("%.1lf * %.1lf = %.1lf\n", a, b, a * b);
  break;
                                         // For Division
case '/':
    printf("%.1lf / %.1lf = %.1lf\n", a, b, a / b);
    break;
                                         // If operator doesn't match any case constant
                                         printf(
    "Error! please write a valid operator\n");
Compiler Resources Compile Log 🗸 Debug 🗓 Find Results 🍇 Close
                         Compilation results...
                        - Errors: v - Warnings: 0 - Output Filename: D:\foc\calculator.exe - Output Size: 129.9423828125 KiB - Compilation Time: 0.48s
Shorten compiler paths
             Col: 55 Sel: 0
                                         Lines: 52
                                                         Length: 1265
        Type here to search
                                                                                     9
```

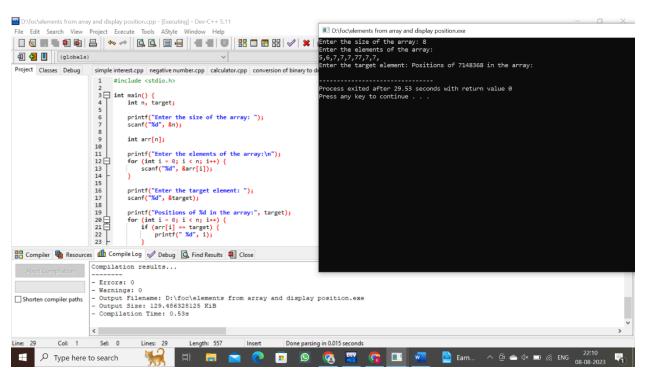
### 4.conversion of binary to decimal



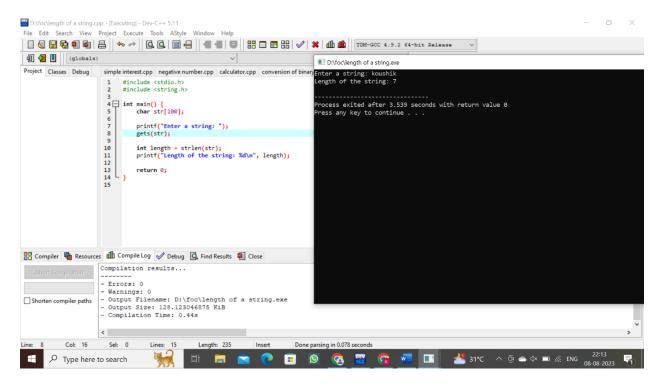
### 5.conversion of decimal to binary



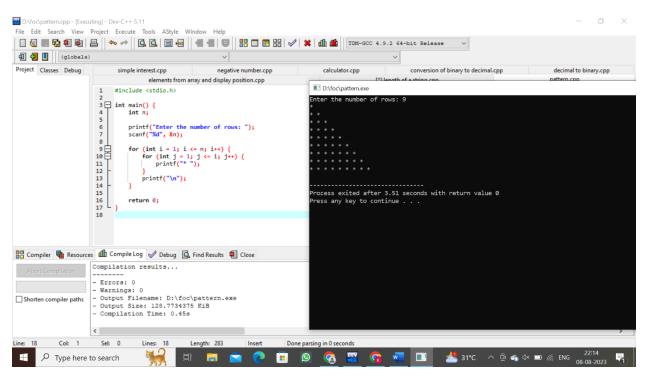
# 6.elements from array and its display position



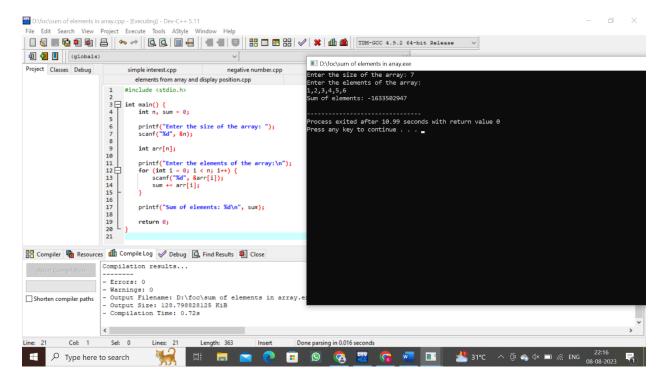
# 7.length of a string



# 8.pattern



#### 9.sum of elements in an array



# 10.merge elements in array

