UNIVERSITY OF ENGINEERING AND TECHNOLOGY, TAXILA



SOFTWARE ENGINEERING

LAB-9 SOLUTION

SUBMITTED TO: MS.SABA AWAN

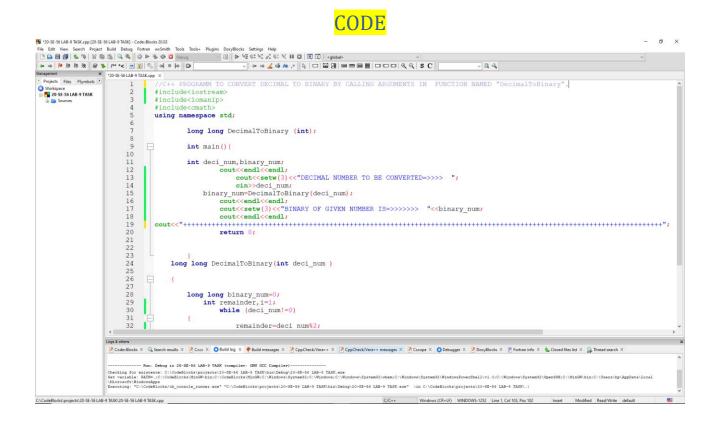
SUBMITTED BY: MUHAMMAD ARSALAN

REG NO : <u>20-SE-56</u>

TASK-1

Create a C++ program having a function named "**DecimalToBinary**" that receives an integer number as a argument from calling section and converts the decimal number to equivalent Binary number and return the result back to main calling section and print the result there.

SOLUTION



```
# *20-SE-56 LAB-9 TASK.cpp [20-SE-56 LAB-9 TASK] - Code::Blocks 20.03
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 Workspace
20-SE-56 LAB-9 TASK
3-Sources
                                                                                                                                                                                                                return 0;
                                                                                                                                                        long long DecimalToBinary(int deci_num )
                                                                                                                                                                        long long binary_num=0;
   int remainder, i=1;
   while (deci_num!=0)
                                                                                                                                                                                                                                  remainder=deci_num%2;
                                                                                                                                                                                                                                  deci_num/=2;
binary_num+=remainder*i;
i*=10;
                                                                                                                                                                                                                               return binary_num;
                                                                                Logs & others
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```

OUTPUT

