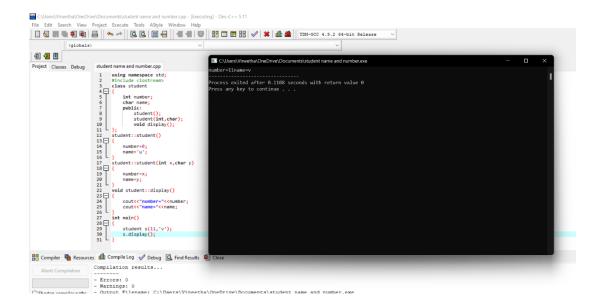
DSA0136-OBJECT ORIENTED PROGRAMMING WITH C++

DATE:28-09-2022

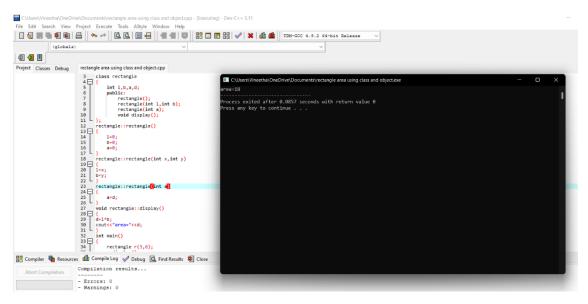
NAME:B.VINEETHA

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1.WRITE A C++ PROGRAM TO PRINT THE NAME OF THE STUDENTS BY CREATING A STUDENT CLASS.IF NUMBER AND NAME IS PASSED WHILE CREATING THE OBJECTS OF A STUDENTS CLASS;THEN THE NAME SHOULD BE UNKNOWN OTHERWISE THE NAME SHOULD BE EQUAL TO SCREEN VALUE WHILE CREATING THE OBJECT OF THE STUDENT CLASS.



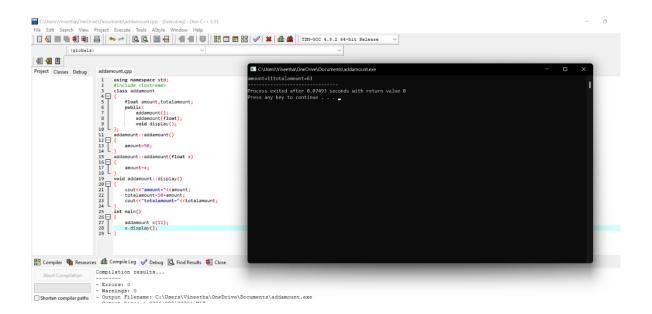
2.CREATE A CLASS NAME RECTANGLE WITH TWO DATAMEMBERS LENGTH AND BREADTH AND A FUNCTION TO CALCULATE THE AREA OF THE RECTANGLE.THIS CLASS CONTAINS 3 CONSTRUCTOR (1)HAVING NO PARAMETER (2)HAVING 2 PARAMETERS (3)HAVING ONLY ONE PARAMETER



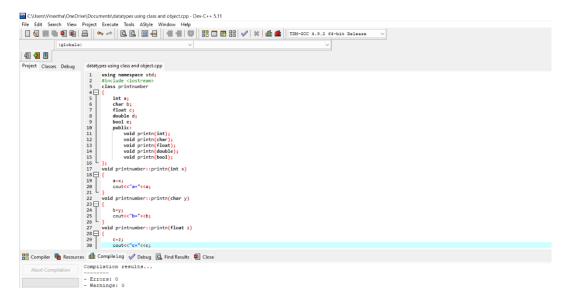
3.CREATE A CLASS HAD AMOUNT WITH THE DATA MEMBER IS AMOUNT WITH INITIAL VALUE 50.NOW MAKE TWO CONSTRUCTOR WITH THEIR CLASS I.E.

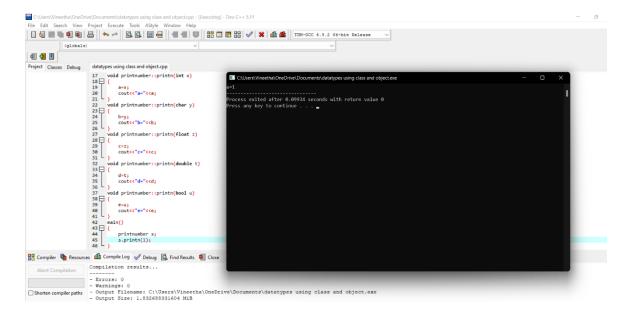
(1)NO PARAMETER I.E. NO AMOUNT IS ADDED

(2)HAVING PARAMETER I.E. WHICH IS AMOUNT WILL BE ADDED INTO YOUR ACCOUNT CREATE AN OBJECT FOR HAD AMOUNT CLASS AND DISPLAY FINAL AMOUNT



4.CREATE A CLASS NAME PRINT NUMBER TO PRINT VARIOUS NUMBERS OF DIFFERENT DATATYPES BY CREATING DIFFERENT FUNCTIONS TO THE SAME NAME PRINT N HAVING A PARAMETER FOR EACH DATATYPE





5.CREATE A CLASS TO PRINT AN INTEGER AND CHARACTER USING TRUTH FUNCTIONS HAVING THE SAME NAME BUT DIFFERENT SEQUENCES OF INTEGER AND CHARACTER PARAMETER

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| Compiler | Resources | Compiler | Grant | Compiler |
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6.CREATE A CLASS STUDENT WITH THREE DATAMEMBERS WHICH ARE NAME A AND ADDRESS.THE CONSTRUCTOR OF THE CLASS ASSIGNED DEFAULT VALUES NAMED AS UNKNOWN, NUMBER AS 0, ADDRESS AS NOT AVAILABLE.IT HAS TWO FUNCTIONS WITH SAME AND INFO.THE FIRST FUNCTION IS TWO PARAMETERS: NAME AND AGE AND SECOND IS 3 PARAMETERS: NAME, AGE AND ADDRESS RESPECTIVELY.PRINT THIS DETAILS OF 10 STUDENTS

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