STATE UNIVERSITY OF BANGLADESH

COMPUTER SCIENCE AND ENGINEERING
CSE-0302 —— COMPILER DESIGN LAB

Assignment

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1 Assignment-01

Introduction : In our first assignment, I had to focus on identifying the blank spaces and remove them.

Procedure : I used separate input file to get the input data from the directory, and took a loop over the whole input data to figure out the blank spaces and remove all the blank spaces one by one till the end of the input data. And, finally, saved the final form of the input data as output data.

For example, in my input data there was "Mid lab c s e - 0302 ."here after executing this input I got the output without any blank spaces as "Midlabcse-0302."

Conclusion : After executing the program, I got my accurate output which is excluded of blank spaces

2 Assignment-02

Introduction : In our second assignment, I had to focus on identifying the token and distinguish them.

Procedure : I used separate input file to get the input data from the directory, and had to let the code know each different character that uses as token and took a loop over the whole input data to figure out the tokens spaces and remove all the blank spaces one by one till the end of the input data. And, finally, saved them all as final form of the input data as output data.

For example, in my input data there was [2*a]*7.5(percent) vat"here after executing this input I got the output as "* is operator 2a is indentifier * is operator (percent) is operator 75 is indentifier vat is indentifier"

Conclusion : After executing the program, I got my successful output.