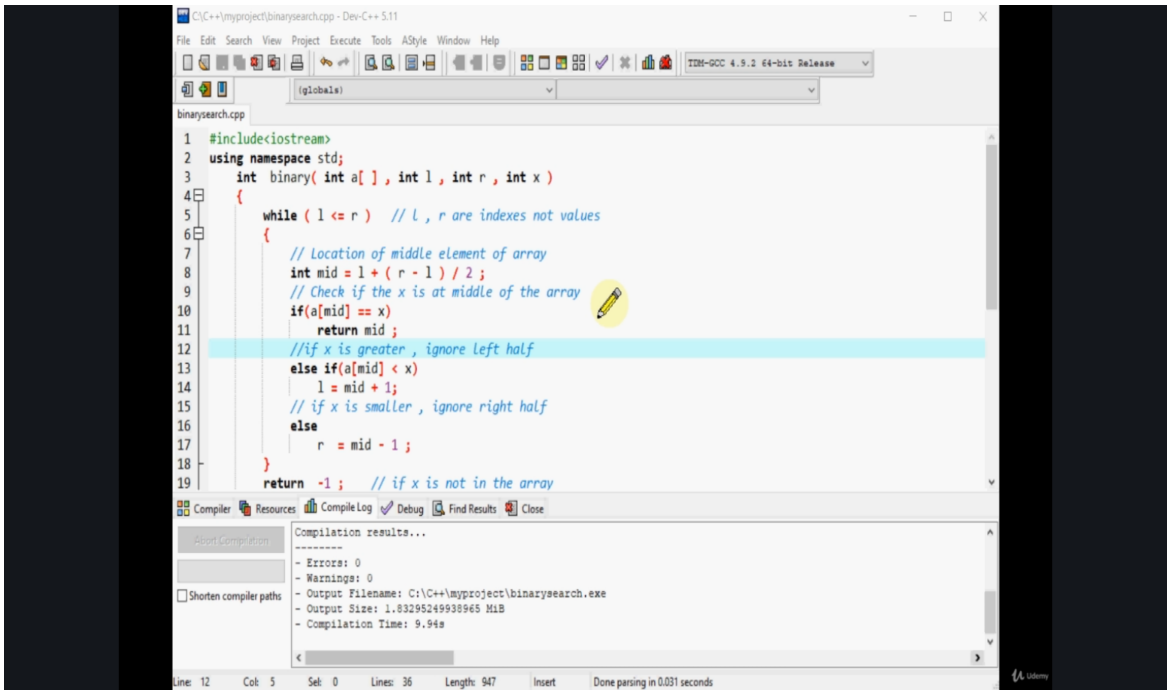
| ISE CERTIFICATION COURSE DETAILS | | | |
|---|---|---|---|
| NAME: | Prathiksha | USN: | 4AL16IS036 |
| SEMESTER: | 8 | MENTOR: | Ms.Vanyashree |
| COURSE NAME: | Learn basic of data structure and algorithm | DATE: | 29-05-2020 |

SCREENSHOT:




BRIEF REPORT: (POINT-WISE)

1)Apply basic algorithmic techniques such as greedy algorithms, binary search, sorting and dynamic programming to solve programming challenges.

2)The course covers basic algorithmic techniques and ideas for computational problems arising frequently in practical applications: sorting and searching, divide and conquer, greedy algorithms, dynamic programming.

3).We will learn a lot of theory: how to sort data and how it helps for searching; how to break a large problem into pieces and solve them recursively;

4).when it makes sense to proceed greedily; how dynamic programming is used in genomic studies. You will practice solving computational problems, designing new algorithms, and implementing solutions .